# OBSERVATIONS

Mentioned in a following INDEX, and made upon the Adams 1.67 Bills of Mortality.

BY

Capt. 70 HN GRAUNT, Fellow of the Royal Sectory. With reference to the Government, Rellgian, Trade, Growth, dir, Difesfes, and the feveral Changes of the faid CITY.

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The Fifth Edition, much Enlarged.

#### LONDON,

Printed by John Marryn , Printer to the Koyel Society, at the Sign of the Bell in St. Parily Church-yard, MDCLXXVI,

Hat the Observations upon the Bills of Martality by Mr. John Graumt be Printed by John Martyn and James Allestry. Printers to the Royal Society. BROUNCKER, Pref. At & Meeting of the Council of the Royal Society. Ordered,

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## Fills of Mortality.

With reference to the Government, Reli-

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Contractor Lander & Classification -Lon, me ut mixtin Turba, labora,

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Prince, by John Many, went to the Prince to the Full Society at the Sign of the Sol in St. Zwally Churcheystel. - MDCLXXVI.



TO THOUSE THE

BIGHT HONOURABLE HOHN Lord ROBERTS, Baron of Trure, Lord Pries Seal. and one of His Majeffies most Honourable.

Privy General.

My Lord,

Lordship oblige me to prefent you with The Sthefavours I have

fome token of my grantude:

The Epifile

for your Lordhip hath made the Prefent. For, if I could have given your Lordhip any choice Excerptions out of the Greek or Latin Learning, I should (according to our English Property) therest by but carry Coals to Newcaftle, and but give your
Lordship Puddle-mater, who,
by your own eminent Knowledge in those learned Languages, can drink out of
the very Fountains your
self.

rations, Moreover, to prefent your Lordship with tedious NarDedicatory.

rations. where but to speak may lown lgmorance of the Kalue, which His Majesty, and the Publick, have of your Lordship's Time. And in brief, to offer any thing like what is already in other stoom your. Lordships learning, which the world knows try be universal, and unacquainted with few ufeful things contained in any of them.

by what accident) engaged my thoughts, upon the Bills of Mortality, and so far succeed-Now having (Iknow not

Hones into a few performous Tables and abridged fuch Adding Parignaphy Inwithout attigology Series Inwited differential and anticipation of the prefittined for statement there edotherein de stowhave redus prefumes but this publish at Labour witto whole beings accept Oblanvations as nativisally flowe Hele Beglie gushoping renter and they share the share they share the share they share they share they share they share they share th edichrottischem, orinto a fee OF CLIENT rance of fome other of my The Diffe.

Lordfhip, I conceive, That it doth not ill become a Peer of the Parliament, or Mamber of his Majestier Conneil, to consider how sew starve of the many that beg: to perfons in your Eord-fhips place, as they are of little or none to me, which is no more than the fairest Diamondr are to the Journeymen Jeweller that works them, or the poor Labourer that first digg'd them from the Earth. For, with all humble submission to your Lordhip, I conceive. That That the irreligious Proposite of some, to multiply people a by Dedicatory.

The Epillie by Polygany, 15 That tional, and reutices the troubleforme feclusions in the Plague-time are not a re-

Mules by Wars and Colonies do not prejudice the due proportion between them and Females: That the opinions medy to be purchased at vale inconveniencies: That the greatest Plagues of the Ciry are equally, and quickof Plugues accompanying the Entrance of Kings, is falle, and fedicious That London, the Merropolis of England,

belongs that is, It doubles its People in a third pare of the time. That our larifler are now grown madly diff proportionable. That our for the Body, and pollibly too flrong. That this Head grows three times as fail as the Body unto which it is perhaps a Head too big and very City of London, re-moves Westward : That the Templer are not futable to our Religion : That the Trade, walled Offry is but a fifth of the whole Pyle : That the prefent frequency of Coaches. the old Streets are unfit for Dedicatory.

That the passage of Ludgate is a throat too fireight for the Body: That the fight-The Epifile

be 2 firanger to these Positions yet centainly much decrived fome pointments of Poll money, &c. Now, although your Lordship's most excellent Discourt es have well informed me, because I knew not, that your ing men about London are able to make three as great Armies as can be of ule in this Island: That the number of Heads is such, as hach of our Senators in their ap-That your Lordhip is no Lordfhip had ever deduced

ny curiofities concerning the waxing and waning of Diferers, the relation between bealthful and finitful Seafons, the difference between the City and the Country dir, &c. All which being new, to the best of my knowledge, and the whole Pamphlet not two hours reading. I did make bold to trouble them from the Bills of Mor-taking jell hoped it mightinot be ungrateful to your Lordhip, to fee unto how much profit that one Talent might be improved, besides the mayour Lordhip with a

there and ecompts and with bow much affection land with ecc. I amjument the second sec ufal for it, and by this hum-Biechandung (Took Lot flaipe mag ebediene. be Dedication of it, let your Lordfhip and the world fee and Wildows of our City. commod treately with the language sidness throughout to street sidness to be a significant to be a significant s - Gifference They English, &c. ad the Common etwicen the

254455555555555555555 To the Honourable

Dm.

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N

S' Robert Moray, Knight, Scotland, and President of the Royal Society of Philasophere meeting at Gresbom-Colledge, and to the rest of that One of His Majestie's Privy Council for His Kingdom o honourable Society. HE Objervations which I bappened to make (for Ide-figured them not) upon the Bills of Morrality, bave fain out to be both Political and Natural, fome concerning Trade and Government, others concerning the Air, The Epiftle

obliged to cast in this [mall Mite into jour great Treatury of that kind. press of Hear, Wetness, and Windarss in the several Paris of His Majestie's Domiproportions between the Sex and Ages of and Death to beNatural Hiltory; and because I understand your selves are also appainting means, bow to measure the De-Hiltory elfo, and confequently that I am calons , Eruitfulnels, cis Bacon reckons bis Discourses of Life tions) I am bambly bold to think Natural Health, Diseases, Longevity, and the Mankind. All which (because Sir Fran-

His Majefly being not only by ancient Right supreamly concerned in masters of Government and Trade, but also by bopp accident Prince of Philosophers, and of Phylico-Mathematical Learning, not called fo by Flatterers and Parafites.

ran-

Abilities, as Affection concerning the matters; spon which account? I fould have bumbly dedicated both forts of my I'do destre your leave to present the same unto You also, as it relates to Natural History, and as it depends upon the Mathematicals of my 3bop. Arithmetick. For less, as I bave prefumed to prefent this Pamphlet, so far as it relates to Government and Trade, to one of His Majeflie's Peers, and eminent Ministers of State : fo Sou are not only His Majestie's Privy Council for Philosophy, but also His Great Cannoil. Tou are the three Estates, tor to descroe His Patronage. Neverthejefty: but, to besport, I knew neuther my Work nor my Person sit to bear His Name, Observations unto His mail Sacred Maviz. the Mathematical, Mechanical,

Asture and it is no loss differ agencia be meanell of your number, to fay there nog be Commoners as well as Peers in ture, as your Society is, in Being; and Ldo with as much earnessness enquire afthe World are ferting farth. I concern my est as much to know who are Curetours of this or the other Experiment, as to chancellor of Sweden. I am as well drafted to bear you are fatiglied in a live for your Expeditions against the Impediments of Science, as to know what Armies and Navies the several Princes of Philosophy among hyon. For my one part, I count it happiness enough to m ciferone Experiment, as that a breach has been made in the Enemie's Works: an

#### Delicatory

your tregenious organizes immediately from the noise of victorious Guns and Trum

Church, fo I also contend against the emission Schismaticks of your Society (with think you do nothing unless you preferrly transmite Metals, make Butter and Cheese without Milk; and (as their drie .. Fort, I find in Frade the want of fixperiments, being not the Ceremondes, but the substance and principles of ulfind Musicians wrangle about the just and our Hides ) by effecting the nefulnes of men all your preparatory and luciferous uniform keeping of time in their Conforts, om Ballad buthit) make Leather withuniversal measure, and have bear Marcover, as I contend for the Decant Rights and Catemonies of the

The Epithe

2

is my Opinion conterring you and although han rane of your number, nor have the last combinion to be fo, otherwise than to become able for your fervice, and northy of na Werefore Comos with patience bear minerally conducing to both, bould be Aghted, nor your Pendula called Swings Airy Bancice, and not adequate Tasks. ute, that your Exerchations about Air ar the most folia and piercing beads. This wings with com Nor can I better en. our Institute of I am coverous to bave the right of being repreferred by you : to Free-holder's Vote for the choosing of bition of mine may be looked upon as Sould be remed fit imployment only Parliament of Nature, meaning thereby, Knights and Burgelles to fin in

lings a year, to be one of them; foin the same manner and degree, I also define to be somed as one of you, and that no longer than I continue a saithful Friend and Servant of your Designs and Persons. best as the Parliament owns a Free-holder, though he bath but farty fire-

J. G.

Tolled to many to bear on the state of the s the state manifered street to Todicatory,

### An INDEX

H L T O

Positions , Observations , and Our from contained in this Discourse. HE Question of keeping the Accomps

Plague, Anna 1592.

2. Seven Alterations, and Augmentations of the published Bills, between the per 1592, and 1662.

3. Resigns, why the Accompts of Burials and Christenings Boald be keps majorefully now called for, and perujed by the Management A true decompt of the Plague come he tegs, without the Accompt of other Difex-The Ignorance of the Searchers no impeds

#### The Index.

ment to the keeping of sufficient,

0,30 one third of 41 than he per Centum

Thus two parts of nine die of Acute, and eventy of two bindred ment Chronical Difeales, englow of two bounds and meterious, and formidable Cafualties,

9. That seven per Centum die of Age, p.26
10. That some Diseases, and Casualties kep a confiant proportion, where as some other are very irregular,

above one in four shoul

Starved,

2. That it were better to maintain all Beggars at the publick Charge, though earthing halling, them to let them beg about the continue. do more bares

ed in London, with the Reasons thereof.

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Plane Amera 603 Later the months of the Market for the Market fo A.O. To before Aliera 14.9

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and Males being prolification Males to their and Males being prolification.

and yet more Men die ti 57. Physicians beve beir Woman P. e Man ;

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The Index

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id. Waster 87 Tibid 200 bid 2 Eve in 5610 years be pro inely years there C. Work than Burn id Female be B. Scriptu dam. 6009 her

"tannibid of fruitful, in Phuie 1193 100

Next mornings, to the Commercy congress, and tent mornings, to the Commercy congress, page 940. The Commercy alle more consider of the Congress, them that of the Congress.

95. The difference allo of Births are greater in the Countrey, than at London, p.93
96. In the Countrey has about one of fifty dies yearly, has at London one of thirsy, ever and above the Plague,
97. London are so besitabled none as berestsfore,

98. It is doubted whether increase of people, or the burning of Sea-coal were the casse,

100. The Elements of true Policy are to under-fland throughly the Lands, and hands of any . The Arr of making of Gold would be nei-

Mon what confider ations the instituted

66'd rog. Some of the few benefits of baring a true 102. Andin what the Accidental,

Accoupt of the people, 104. That but a final part of the whole people 104. are implyed apan necellary affairs,

Governours, After hedramon virtual

The state of the s Situated well and AT the 'S A SPECT

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extraordinary in the week cur-remissous they might safe the same observed, that most of them, who constantly took in the worthly Bills of Mortality, made strile other ase of them, than to look at the foot, how the Burials increased or Company; and wirbal, in the decreased; and among the Cataal. fred in the City of London, and don, and bacting always

mobs conjecture what doings they were like to have in their Phone time , bow roe Sickness increased, or deoreafed, that so the Rich might judg of the necessity The Preface.

coffing wine Evenpon so many of lessened whe landable practice of colong and diffributing these Acle of sheen and thereupon ! band. I found encouragement from Weldomostour City bad certainly its for other, and greater nies, than those above mentioned or at leafest bathome other sides might be the Ceneral Bills, as next came to 2. More, Athongbirbat the respective dealings no

### The Probet

that hind even as the Hall of the Parish-Clarks could afford masthe mobies when I had treduced into Tables (the Copies where of are here inferred) for sectionary are here inferred) for sectionary as viven of the whole togethers in order to the more reddy comput-ring of one Year, Scalov, Bandly, or other Division of the Cunt-meth another, in respect of all the examine the Conceites appring Burials, and Christmings, and all the Distastice, and Calmaltice. bappening in each of them responded them, to look out all the Bills L. could, and (so be boot) to furnife ny felf, with as much matter of

Trucks Tables from the first of the fore featiered Bills I had no Digitalitions upon Nature one down The Positi

Errai from those airs Bloffons.

"A Hone for I bares succeeded in the Premifer. I have after to the World's confuse Who I hope mil not expect from me, not profigue Letters; things demanster. concbed before, and that I bave maright Mechanical after, pred ted write the fame certifiety mine in their Schools; but will take it well, that I should offer at a new thing, and could forbear prefuming to meddle where any of the Learned Pens have ever taken the pains, and been at the charge of ferting out those Lawherewith Learned men deter

mbereming Learned men-part mine in their Schools; but will take it well, that I should offer at a nice thing, and could forbe a prefixming to meddle wobers and Lhave like a felly School-boy, coming to fay my Leffor to the World (shat Poevish, and Teschy every mistake I. basie comserved I and that I softed hed and rate nabe paine, and been at the -ET Sport mo puring ICHAR Mafter ) branght a bundle of Rode whomas whereby all men may bor Sond and Pena bare others of their own : For hen themy Politions, and



Natural and Political

DBSER VATIONS, &c.

### CHAP. I.

f the Bills of Mortality, their beginning, and progress. If E first of the continued WeekIf Eills of Mortality extent at
the Parish Clerks Hall, begins
the Twenty ninth of Desember
1603, being the first year of
18 James his Reign; since when a weekly
compt hath been kept there of Barlels
Christning. It is true, There were Bills

pend upon the fufficiency of them, rather re-ying upon those Accompts, which have been kept fince in order, as to all the uter 1 shall but so interrupted since, that I could not de-Years 1592, -93, -94 before, viz. for the

2. I believe, that the rife of keeping these Accompts was taken from the Plene: for the faid Bills (for ought appears) first began Marsality; and, after fonte difule, were re-tuned again in the year 1603, after thegreat Plague then happening likewife.

2. Thefe Bills were printed and published, but alfo which faid general Accompts have been referred in the feveral manners following, a general Accompt of the whole Year was gi-ven in upon the Thursday before Christman vix. from the Year 1603, to the Year 1624, incluyine, according to the Pattern here infernot only every Week on Thursdays,

1623.

1624

e general Bill for the whole lear, of all the Burials and Christings, a well within Burials and Christings, as well within the City of London, and the Libertical thereof, as in the Nine out Parifles adjugates to the City, with the Pest-house be-

the Company of the Parifle Clerke of December 1623, to Thuriday the 181 December 1623, to Thuriday the 16 December 1624, actualing to the Report to the King's most Excellent Miselfy London

Uried this Year in the Fourfcore) and feventeen Parifies of Law \$3386 Whereof of the Plague,

Whereof of the Plague,

Buried this Year in the Sixteen Parithes of London, and the Peffhoult

being waining the Liberties, an or

efe

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Whereof, of the Plague,
The whole Sum of all the Burials in

ong and the Liberties thereof, is:

Whereof of the Plague,

Buried of the Plague withour the server, so the Middle few and Sarrer, so whole Year.

Christened in London, and the Lit? 6368
Berties thereof, this (rear, 18 Nine out.)
Rarthes, adjoying to London, and 22900
out of the Freedon

not selected, is call reduced in all the aforefald \$8299 The Total of all the Burials in the \$1221 Parifies clear of the Plague, 110 places this Year, this Year, placek

4. In the Year 1625, every Parish was particularized, as in this following Bill: wherenote, That this next year of Plague caused the Augmentation, and Chrestion of the Bills; as the former year of Plague did the very being of them.

Alba

And

1624. 162 E. 115 F. 1625.

A general, or great Bill for this Tear, of the mubele number of Barials, which bleve been buried, of all Difeafes, and also of the Plague in every Parish within the Can of London, and the Liberties thereof; as also in the Nine out Parishes adjopring to the faid Gity, with the Pell boute belonging to the Jabe Ison Thuriday the 16. day of December, 1624, to Thuriday the 15. day of December, 1624, to Thuriday the 15. day of December, 1625, according to the Report

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Chri. to the King's most Excellent Maj 66 Barrholomew at the Exchange M Alhallows in Lombard-flreet JNDON, Lisacs in Woodfreet Alballows Barking Andrews by Wardrobe Botol phs Billings-gate phage Cripple-gate Bennets Grace Church Bennets at Pauls Wharf Christ Schurch Parish hallows Breadfreet Ihallows Hony-lane Andrews Undershaft shallows the Great Alhallows the Lefs Alhallows Stainings Alhallows the Wall Anns Black-Fryers Anns at Alderfgate Indrew-Hubbard Bennets Shearhog Antholins Parifh Auftins Parish Bennets Fink

9 Magnus Parish by the Bridge Hellens in Bishops-gate street Dunftans in the Eaft Edmunds Lumbardfireet Ethelborow in Bifhops-gate Margarets new Fishfireet St. Fosters in Foster-lane Gabriel Fen-Church George Botolphs-lane Katherine Colemanstreet Katherine Cree Church Clements by Eaftcheap ames by Garlick-birh Lawrence in the Jewry eonards Eaftcheap conards Fofter-lane Dionys Back-Church Christophers Parish Margarets Lothbury awrence Pountney Gregories by Pauls ames Dukes-place Margarets Pattons Margarets Mofes LONDON, ohn Evangelift ohn Zacharies John Baptift Faiths

1.P.	200	67	16	640	74. A	1134	785A	30.00	192	278.6	26	000	84	164	47	1020	208	11.	23	142	139	66	16	157	30	19	89	44	Mil-
Bur	26	126	66	35	28	92	9 50	36	270	96	84	1082	7.25	254	88	99,00	939	24	401	225	199	159	144	215	53	III	189	09	
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LONDON,	Ap-Church	Aldermanbu	Aldermary	e Bow	Bothaw	Coal-Chu	arthe Hill	Mounthaw	Sommerfet	Stainings	Woolchur	Woolforh	Martins Ironmonger	at Lud	fartins Organs	Martins Outwich	in the V		Maudlins in Milk-firee	Maudlins Old fifth free	Baffifhaw	Cornhill	-		=	F	in Woo	Mildreds Bread-Areet	
	Mary	-	Mary A	Mary le	Mary B	Mary C	Mary at	Mary M	<b>DOM</b>		Medi	Mary W	Martins	Martins	Martins	Marrine	Martins in the	Matthew	Maudlit	Maudin	Michael	Michael	Michael	Michael	Michael	Michael	Michael in	Mildred	

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318 141 306 66 sters Poor in Broad-fireet Stevens in Coalman-freet withins at London-stone Olaves in Silver-freet Pancras by Soper-lane Coal-Abby tevens in Walbrook Olaves in Hart-freet Olaves in the Jewry Poultrey eters in Cornhill LONDON, Thomas Apoftles s Olaves eters in Cheap Nicholas Acons Peters at Pauls Trinity Parish Nicholas I Nichola

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Whereof, of the Plague

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Andrews

Plag. 1636 369	3.5	1653	73.4	242	2338		1671	277	131 87	100
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Par	1

ied of the Plague, this 335417 bes infected this year es clear this year, is

s. In the Year 1626, the City of West-minster, in imitation of London, was inserted. The grafts Accompt of the Buriels and Chris senings, with distinction of the Plane Leing only taken notice of therein; the fifth, or aff Canton, or Lined-space, of the faid Bill, being varied into the form following,

In Westminster this Year Plugue 13

6. In the Year 1629, an Accompt of the Dijesfer and Cajusties, whereof any dyed, together with the diffinction of Males and Females, making the fixth Canton of the Bill, was added in manner following.

53

The Canson of Calualties; and of the Bill for the Tear 1632, being of the fame form with that of 1629.

Series to the Se CHIEF IND COMPAND.

Share sideous be Drawned

Executed sim

### The Difeases and Casualties this 171 Bloody flux, Sowring, and flux, 348 Bruifed, Iffnes, Sores, and Ulcers, 28 ead in the street, and starved Colick, Stone, and Strangury Executed and Prest to death 30 Year, being 1632. Bortive and Stilborn Apoplex and Meagrim Chrifomes and Infants Cold and Cough Dropfie and Swelling Bit with a mad Dog Burnt and Scalded Burft and Rupture cer and Wolf Cut of the Stone fumption Convultion Childbed Bleeding Drowned

rver fula ox and Small Pox ench Pox ugrene out inf	Tribles Tribles	Signal And Andrews	4.4	50 27 2 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3	irle way asthings	bury of the state	Scurvy
	Fever Fiftula Flox and Small Pox	denorate Sha	ne feveral accidents	n chemfelves	verlaid, and flarved at Nurfe	Planet Plearefie and Spleen Plearefie and Sported Fever Quinfie Rifing of the Lights Sciatica	

Sourvy and Itch Surdenly Surfer Swine Pox Teeth Thruth and Sore-mouth Triffick Vaniting		P 300 5		Topoco
5- 5 0 C C E 0.3 E	ry and Itch	e Pox	fh and Sore-mouth	ck ring ms

€09 In all 9535 Whereof, of the Plagu Males 4994 Females 4590 In all 9584 Ile all

Brifles, and at the Peft-boule creafed of the Plague in the 122 Parifles, and at the Peft-house this year,

n the Year 1636, the Accompt of the

<b>.</b> * * * * *	113 20 0 20 20 0 20	892	99 18r	9 0 0 9 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**	
hrithed uried lague hrithed	Suried (Plague Christoed Suried	Plague Christned Buried	Chrifted Buried Plague	Christned Buried Plague	Buried Plague	Moretin Court State (State Plages) \$ 0. The Test of all the \$1645 Christians;
In Margarets Suried Weltenhalter Plague (Chriftned	<b>第三进口</b>	S. J.	Newington }	Halley	Redriff .	Thereof The Te

8. Cevent-Garden being made a Parish, the Nine out Parishes were called the Ten the which in former years were our Parifies.

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but Eight.

9. In the Year 1660, the last-mentioned ten Parishes, with Westminster, Isington, Lombers, Stepney, Newington, Hackney, and Redriff are entredunder two Divisions, viz. the one containing the Twelve Parishes lying in Middlefex and Surrey, and the other the Five Parifhes wishin the City and Liberties of Wellminster, viz. & Content Danes, & Paul's Cortest-Garden, & Martin's in the Fields, &c. Mary Sevoy, and St. Margaret's Westmin

to fifew how they are made and composed, which is in this mather, viz. When any one dies, then, either by tolling, or ringing of a Bell; or by bespeaking of a Grave of the the fame is known to the Searchers, ro. We have hitherto described the several steps whereby the Bills of Mortality are come up to their present state; we come next

Gen

and by view of the same, and by other encorresponding with the faid Sexton.

rt. The Searchers hereupon (who are ancient Matrons, fwom to their Office) repair to the place where the dead Corps lies,

fuelty

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ry Ineldsy night, carries in an Accompt of the Barials and Christmings happening that eek, to the Clerk of the Hall. On Wedner. the general Accompt is made up and thy the Corps died. Hereupon they make cir Report to the Parif Clerk, and he, o risted, and on Thur day published and dif-rifed to the feveral Families who will pay ut Shillings per Annum for them

nal Entriesin the Hall-books were as exact in every first year, as to all particulars, as eral varieties aforementioned, yet the Orirandam, That although the geeral yearly Bills have been let out in the eafer was probably more

# Jeneral Objervations upon the Cafualties.

Naty Diffeouries upon thefe Bills, I thall Diervations with reference to the Places nd Farifest comprehended in the Bills; an

La There feems to be good reafon, why the numbers D b

fee whether the City interaft or decrease Respies, whether is increase proportional with the reft. of the Nation is whether it perioli Bereistand Christiangs, viz. a curiofity, I fee non

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the

cation access to the why that of utaring was not equally given in? Nor it it dono to seem body, or by the Accoupt of Carl Alies (whereof-we are now final-tips) or this later, is, That the flate of health in th made? The reason, which seems most obvio gasiy) to what purpose the diffinction to the Make and Females is inferiod, or see 2. Nor gould a ever yet fram ( from

City may at all times appear.

21 Now it may be Objected That the fail depends most upon the Accompts of Epide

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chell Dijesjes, and upon the chief of them all the Plages wherefore the mention of the fall fems only thatter of curiofity, May I will be a But to this we and wer. That the know ledge even of the numbers which dive of the Plages, is not fufficiently declaced from the titles Report of the Searchers, which chiped Bills afford; but from other Recocharion d comparings of the Physic with fome or

ich fince it cannot well be done without 5. For we shall make it probable, that in e, if it be necessary to impart to the world good Accompt of fome few Cafashiers ving an Accompt of them all, then is our muton practice of so doing very apt and e Years of Plane, a quarter part more dies that Difese than are fer down; the same shall alfoprove by other Gasassian. Where

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istinguishmentse and finding that many of hether flich agen persons died purely of ge, as for that the Janute best was quite exceed, or the Radical ministers quite dried up or I have heard some Candid Phylisium e, perhaps, ignorant and careless Searchers epocts, I confidered fielt of what Authorithey were of themelves, that is, whether nether men were Med, that is to fay, above ity years old, or thereabous when they dis omplain of the darkneft which themfelves ere in hereupon) I fay, that these Diffine Cafashier were but matter of fenfe, at without any curious determinations 6. Now, to make these Corrections upon

guishments being but matter of sense, I con cluded the Searchers Report might, be fuff cientin, the Cafe,

ittle errour (as to many of our purpole In cafe a man of feventy five years old di of a Gogh (of which had he been free, might have polifibly lived to ninety). I effe but truly Report (as they may) whether dead Corps were very lean and worn awa Moreov this Perfon be in the Table of Gafaelty reckoned among the Aged, and not placed der the Title of Gaghs. ther the Difeafe were exactly the sanc, as it matters not to many of our purpoles, feling define it in their Books.

SD

8. in the matters of Infants I would defin part, or together, which, they fay, do ofter cause one another; for, I say, it is somewhate to know how many die usually before the though I mould not be fatisfied, whether the but to know clearly, what the Searchers me efairs, as whether Children that cann lon, dre. or were choaked with Phileg speak, as the word Infant feems to fignifie, Ghildren under two or three years o'd, or elfe of Teeth, Convulton, and Sconring or died of Wind, or of Teeth, or of can speaklor how many live past any assi-

ED,

9. Isy, it is enough, if we know from the Searchers but the most predominant symptoms; as that one died of the Headshaho was forely tormented with it, though he Physician were of Opinion, that the Diesle was in the Stomach. Again, if one died adenty, the matter is not great, whether it be reported in the Bills, Suddenty, Apoplesy,

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or Planes fructor, &c.

To conclude, In many of these Cases he Searchers are able to report the Opinion of the Physician, who was with the Patient, as they receive the same from the Friends of he Defund: and in very many Cales, fuch s Drowning, Scalding, Bleeding, Voniting, saking away themselves, Lanaticks, Sees, mall par, Gr. their own senses are sufficient, y well to diffinguish the Gout, Stone, Dropfie, saling schnese, Passe, Agnes, Pleureste, Ricknd the generality of the World are able pretone from another.

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it. But now as for those Casualties, which are aptest to be consounded and mistant, I shall in the ensuing Discourse presume atouch upon them so far, as the Learning of befe Bills hath enabled me.

(2. Having premifed thefe general Adver-isements, our first Observation upon the

S

Newsieus, Chrysenes, Infents, Livergrams, and Overleid; that is to fay, that about ; of the whole died of those Diseases, which we guest did all light upon Children under sour or there dying of all Diffass and Casualties 222925, that 71124 died of the Ibrush, Concession, Rickets, Teeth and Worms; and as Athere dying of all five years old.

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great being live to forts feldon to the

Per, and Mesiles, and of Worms without Con-pulsions, 12210. of which number we floppole likewife, that about a might be Children un-der fix years old. Now, if we confider that fixteen of the faid 229250 died of that extraordinary and grand Calualty, the Plane, we fhall find that about thirty fix per Centum of all quick conceptions died before fix years 13. Theredied alfo of the Small Pox, Swine

the faid 229250 dying of all Difeates, there died of acute Difeates (the Plague excepted) but about 50000, or parts. The which proportion doth give a measure of the State, and disposition of this climate and div as to health; these acute and Epidemical Difeates happenning suddenly and vehemently, upon the like corruptions and alterations in the like corruptions and alterations

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Gried broke

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Different which thews (as I congrise) the State and Diffpolition of the Country (and cluding as well its book as 4st, in sciences to health, or rather to longering by a science to health, or rather to longering. For as the proportion of tells and Epidemial, Different theory the appeals of the 4st in fluides and whoman Impressions. In the circumstal Different for that upon the proportion of Chronical Different for that upon the proportion of Chronical Difweeps, men may live very long, but, where the proportion of the Granical differences is great, it is not likely to be for, because men being long fick, and alwaies fickly, cannot live to any great Age, as we see in several sorts of Metal-men, who, although they are left subject to accute Diseases than others, yet to those years, which David lays is the Age is. The third Observation is, That of the feales feems to hang the judgment of the firmer's of the Country for time tife. For t conceive, that in Countries fubject to great Epidemical feldom live to be old, that is, not to reach un-

is. The fourth Observation is Fhavos the said 229250, not 4000 died of optward Griefs, and bruised Limbs, Impositumes, lich, King's Evil, Leprost, Sald head, Swins

vine Pass, Went, &c. viz. not one in fix.

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# Table of notorious Difeafes.

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lex f the Sco	Palling Sicknefs Dead in the Streets Gout	d e s	offe ick	e e	S S
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### Table of Cafadties.

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12	200	27	22. dents 102	00	S Signal	. 31
Bleeding 69 Burnt and Scalded 125	noking	And put the	ufelves reral acci			
ding nt and S	wned effive dr	hted	ged then	dered	rhered	ved

Chronical. Yer, for as much as neither of them alone do flew the longeraisy of the Inhabitants, we shall in the next place come to the more absolute Standard and Correction of both, which is the proportion of the A-That of the Food, from that of . vyc. 15757 to the Total 229250. the question is. What number of years the Searchers call deed, which I conceive must be the same that David calls so, viz. 70. For no man can be said to die property of Age, who is much less. It follows from hence, That if in any other Country more than seven of the roo live beyond 70, such Country is to be essented more healthful than this of our

Chronical Discases, and the Diffeases whereunto the City is most subject; as for Example,
Consumptions, Proples, Januales, Gone, Stone,
Palse, Sarry, Rising of the Lights or Mother,
Richest, Aced, Jone, Fevers, Bloody Flux
and Scouring: 143, some Accidents, as Grief,
Drivening, Meets making may thenselves,
and being Kill's by several Accidents, &t. do
the like; whereas Epidemical and Mangaran
Discastes, as the Place, Perples, Spotted Fever, Smill Pax and Meesser, or Mosters
equality: 16 as in Tome Years, or Mostels,
there died tentimes as many as mothers. 19. Before we speak of particular Calual-ies, we find observe. That among the feveral Essenties some bear a constant proportion muto the whole number of Raviets, such are

CHAP.

### CHAP. III.

## Of Particular Capadities.

the 229.25°, which have died, we find not above fifty one to have been farved, excepting helpleis Infants at Nurie, which being capied rather by carelelsuels, ignorance, and infinuity of the Milch-women, is not properly an effect or tign of want of food in the

gars, fwarming up and down this Gity, do all live, and feem to be most of them healthy and strong; whereupon I make this question. Whether, since they do all live by begging that is, without any kind of labour, it were although they earned nothing? that to they might live regularly, and not in that Debauchery, as many Boggars do; and that they might be cured of their bodily impotencies. Country, or of means to get it,

2. The Observation which I shall add
hereunto, is, That the vast number of Bog-

ed in some work (not better undone) might ndition and capacity; or by being imployor taught to work, &c. each according to his be accustomed and fitted for labour?

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must be done by general Tax; and confe-quently, the Objects of Charity would be removed and taken away. whereas in the other way the fame are now maintained by voluntary. Contribu-To this some may Object, That Beggars

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charity: only indeed the Magistrare is both the Bergar, and the Disposer of what is got by begging; so as all Givers have a Moral To which we Answer, That in Holland, charm up commiferation in the credulous, yet by begging; to as all Givers have a Mora certainty that be well ap-Ithough no where fewer Beggars appear

eale our felves, when we think we cale them, with whom we fympathized; or elfe we befreak aforehand the like commiferation in 5. Moreover, I question, Whether what we give to a Wretch that shews us lamentable forces and mutilations, be alwaies out of the pureft Charity? that is, purely for God's fake, for as much as when we fee fuch Objects, we then feel in our felves a kind of ain and passion by confent, of which

others towards our felves, when we shall (as we fear we may) fall into the like differ

lick foods heep the Beggar, though they carned meeting, &c. But most men will laugh to sout it, will but transfer the want from one pound of Wool, worth two failings, for fix done, and that the fame be already done by un-Beggars, then to imploy the Beggars greateft work in the World, which is the thought to have more skill and experience to manage it p. wherefore, to bring Bagiline inindeed most Beggars are, in one kind of mea-fure or another) should be kept without carn ing any thing. But we Answer, That if then be but a certain proportion of work to be ence; but a Learner, undertaking it for for example, a practifed spinner thall spin a making of England as Confiderable for Trade as Helland; for eftere is but a certain propertion of Trade in the Worlds, and Hellan ear us suppose, That any able to work cheap as a skilful practified. Arriff can. arn, but not worth twelve pence. hand to another; nor can a Learner wo Twere better the prepolitified of the greateft part of its three pence, thall make the wook inder We have faid,

begger de prefert Spirners at test a tat, at escript, put the whole Trade of the Gaustry to a fland, until the Hallander, being more sendy for it, have frapt that with the rest. define, as to find all the Beggers she like like of the West Comments to Spin,

the Marshbret, viz. not above 86 of the tages of which there died no other Diffelies independent in Parts few nights base without their Tragedy.

English means for of all that are Enseared, for are for Murrher. Befides the great and frequence Revolutions and Changes in Government since the Year of so, have been with finite Modfood; the Morpor reflectives having Estrated few in comparison, upon the Accompany of diffurbing their landvatic he ciry by Gitteen themfelves, and that he ciry by Gitteen themfelves, and that he ciry by Gitteen themfelves, and that he cuployment. And the other is, The attiral and others with the chartenest of the inhiman Grines, and all Middles, by moft nie in thick, when any dead Body is found in England, no dightrail, or Manphorer of in Circ

Letters

Letters, can the more fubrille hippoliticus, can the more fubrille hippoliticus. Denonfluerich or Ciphie. Han every company incompanie perforatorh to find out the worthers, and that for over, until it the Maintheirs, and that for over, until it the

19. 11. The Londings are affolded fly, vic. 1988 in 22925 of though lifer many indirection are the foreign cutted are factor, but those who die at British and the factor, but those who die at British and the factor, who check all seems of dye of their Londo, who check all the factors and the computing the fruits and all other bifulles. unto which Lunary is no Superfeith and those that dive by realth of their Ma

term, I than not force my tell to make the triffice that the triffic to make the triffic triffic that the triffic triffic triffic to the triffic triff bour one thousand five hundred bave

midter, The firetife that be "made for the fig-

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who are another fort of Mad men, that think in eale themielves of pain by leaping into Bill, or elle are yet more Mad, fo as to think there is no fuch place; or that men may go to reft by death, though they due in Safranriber, the greateft Sin.

14. We shall say nothing of the numbers of those that have been Drawsed, Killedby fells from Saffeld, or by Certs remains ever them, etc. because the sine depends upon the carriers which are but circumstantial to on matters which are but circumstantial to the Seasons and Regions we live in, and affords little of that Science and Certainty we

which, though there be daily talk, there is little effect, much like our abhorrence of facts and Sorker as most positions: Greature, whereas few mendare by upon their own knowledge they ever found harmly either is and this Glaufy is the French Rive, often, for the most part, not fo much to the memperate ute of Verers (which rather coupled, the Great (which rather coupled).

16. If ay, the Bills of Morrality would to of there Bars, which keepsome men with bounds, as to their extravagences a for

the aforementioned 229350, we find not above 392 to have died of the Par. Now, forafmuch as it is not good to let the World be fulled mos afecurity and belief of Impunity by our Bill, which we intend fhall not be only as Death; heads to pur men in mind of their Mortains, but alfoas Merania Satissis to point out the most dangerous waies that lead as into it and mifery, We that! therefore thew, that the Past is not as the quite contrary nature, together with the rea-Inde and Snakes aforementioned, but of on why it appears otherwile.

unned of Merrand Swer, And in brief, I found, that all mentioned to doe of the French Pax were returned by the Clerks of Saint Giles sand Saint Marria's in the Fields courfe of the World it feeds a great part of men have, at one time or other, had fome feeds of this Difeale, I wondering why to died of it, especially because I could take that to be so harmless, whereof so y complained very stercely; upon ency, I sound that those who died of it out only, in which place l'inderftood that moft of the vileft and most wiferable Houses of Unthe Hofpitals (effectally that of Kings-d, and the Lork in Sostingerk) were re-ned of Merrs and Sover, And in Biller, i

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picack. There feems also to be another note in the Council fart melainted in the Yearstone of the Which Maley, from that Yearstone of the which Maley, from that Yearstone of the which Maley, from that Yearstone of the year in the Yearstone of the year in the year of the proportion of the which it is no continued in the reform of anticente of infability and from the reform of anticente of infability and from the reform of anticente of infability. es there is Cone new Difeste, Which,

27. Hereupon I apprehended that this poing might by the Green Rebuels, forall this I find few or none to have been re-South of Change of Change I know For fine the World Believes that Maroverplus of Husbands to all that can be any Maid should dye uncured; wife a are unous Maid should dye uncured; wife are utone Males than Females; that is ed upon that Account, although the iffibly flathed with if. Now, when

So In the next place, I conjectured that furping of the Stomach might be the Mariental for almost a so I have heard of many bled with Mother-fits (as they call them)

it they debe the other in feither confider; hich recover of the Richer, may eir due proportiou. And laftly, forali the Kichers, Jopping of the Stimulach fing of the Lights, have all increased er, and in some kind of correspon c Liever and Spiken to when ezing and erowding upon that par funch as whele Chalings or Refing his may proceed from the lame III newhat to cause what I have interested this let the Learned Physicians to me ch Rickets in Children, e they have. rtions ; it feens ore grown Bodiel s by the E

if the Blood were taken from a common Person swondering what because of all the blood thich iffled out of the heart, fince the heart from one drop flouid be pump'd our circulation beats above three thouland times an hour, algar. I had not needled thus far, bur that ard, the first kines of the Picatevery/froke, 071 2121

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State and Strangery 254. And in the Years 1655, 56, 57, 58, 59, and 1660, but 250, which numbers, although indeed they be almost equal, yet considering the Burials of the first named five Years were but half those of the it seems to be decreased by about one d to decrease for in 6, there died of the

unless it be in some few cases, where (as I have heard Physicians say) a Some is held up by the Films of the Biader, and so kept from Now the Stangard Strangury are Dis which most men know that feel them

grating or offending it,

35. The Grat flands much at a flay, that
is, it answers the general proportion of Butials; there dies not above one of 1000 of
the Grat, although I believe that more dye
Grans, The reason is, because those that ave the Gout, are faid to belong livers; and herefore, when fuch dye, they are returned

36. The Searcy hath likewise increased, and that gradually from 12, down 1629, to 95,

way, but that it is probable the same is en-37. The Tylfick feems to be quite worn a-

or yet in the few Bills wherein they have been diffinguished, it appears that not above in 40 of the whole are sense;

39. The Abutives and Selborrare about

more in proportion in those years than nowhe twentieth part of those that are Christcars ago as now, which shews there were have not been kept of the Murious, as having been buried without notice, and perhaps or elfe that in these later years due Accom not in Church yards,

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he first of the the Accompts of the Christmar, is most certain, because until the Year 1642, we find the Burials but equal with the Christmars, or nearther abouts, but in 1648, when the differences in Religion had changed the Government, the Christmars were but two thirds of the Burials. And in the Year 1699, not half, vice the Burials were 14720 (of the Please bur 36) and the Ghriftnings were bur 3670; which great disproportion could be from no other Cause than that abovementioned, for assument as the same grew as the Confusions and WEID'S. Changes grew.

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41. More

1659 Lase dying in best, whereas in the Tear 1637, matieuts were 4 to, that is, near the narrow the far is the christmage we Wherefore by the christmans we Wherefore by the proportion as James 659, the christman shows about 8500; but if we shall read Women dying in Ghildhed; of vi Accompt is kept than of Soils witness, we shall shed stone 16 is note: Wherefore I conceine aumber of the Christians, is above double to the 5650 fe Bills a that is, about 11500, a th been vere 226 Childheds; Willco

dying withas there be to that of the one Wom and that the namb Women dying in Childied: from may probably colled, that not o of an hundred (Luzy fay of two dies in her Labour; foralmuch a other Caules of a Womans of well kept, we find that o died in Children, and asabone tred

where Women hinder the facility of their Child bearing by affected first coming of their Bodies; stendercandly in America, where he fame is not practiled. Nature is fittle more to be taxted as to Woman, that to Brate, a mong whom use one in fone thousing do dye of aheir Deliveries; what I take their do dye his were the only realon, we might by or defeds of this kind conclude the growth this Opinion, and pronounce; that not ha A. Before weggite leave this nitree, linfer the Caules, why the decompainment in the nagled date etting to make the nagled etting to make the original particle of the etting to binions and the chief whereoff we etingtons Opinions and the chief whereoff we etinfer as unlawful, or time effects. ple of England, between the y

s. A fecond Reason was. The scruples ch many publick Ministers would make he wordshirts of Perents to have their Children Sarken en Baptigee, which forced fach que Pacenty who did alfonor believe the p. of having their Children bearbow by fuch Scruplets, to carry their Children unto fuch other Minifers, as having performed the thing, had not the Authority or Command of the Regifer to enter the Names of

chertences as might belong anto d withal, by fuch Registring it eappeared onto what Parife each belonged in 46. A third Realon was, That a little Fee was to be paid for the Regifty.
47. Upon the wholematter it is mofficerain, That the number of Historian Believers Child had belonged, in cafe any of them eat between the faid year read of the property as and to pecuilh were they, as Births of their Children Re although thereby the time of of Age might be known, in re-

Ppen to want its relief.

Convulsions there appeared very
but 52 in the year 1 639, which in 1636 grew to 709. keeping about that flay

52, 49. It is to be noted, That from 1649 to 1636, when the Commissions were but few, the number of Chrysping and Infants was greater: for in 1629, there were of Chrysma and infants 2596, and of the Convulsion of the both 2648. And in 1636 there were of the manifemer 7095 in both 2664, by which, it appears, that this difference is likely to be only a confusion in

the Accounts.

so. Moreover, we find that for thefe later years, fince 1636, the total of Corvallinas and Chrysans added together are much left, viz. by about 400 or 500 per Annew, than the like Totals from 1639 to 36, which makes he think, that Teeth also were thrust in under the Title of Chrysans and lafants. inalmuch as in the faid years, from 1629 to 1639 to 1639 to the number of Works and Torth wants by above 400 per Annua of what we find in TOTAL PARK LA following years.

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Chrysta in the lead year Sagare Adagas

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nto fuch Scruplets, to carry their Children nto fuch other Minifers, as having performed the thing, had not the Authority or Command of the Register to enter the Names of

16. A third Realon was, That a little Fee to be paid for the Regiftry.

17. Upon the wholematter it is most cer-

tin, That the number of Heterodez Believers was very great between the faid year 1650 and 1660, and 16 peevilh were they, as not to have the Births of their Children Registrate, although thereby the time of their coming of Age might be known, in relied of fach, Inhertennes 18 might belong unto them; and withal, by fach Registring it would have appeared onto what Parish each Child had belonged, in case any of them should happen to want its relief.

48. Of Garvalshaw there appeared very few, viz. but e.g. in the very few, with his control of the control of

few, viz. but 52 in the year 1 629, which in 1 636 grew to 709, keeping about that flay till 1659, though fometimes rifing to about

49. It is to be noted, That from 1629 to 1636, when the Conventions were but few, the number of Chrysons and Infants was greater; for in 1629, there were of Chrysons and Infants 2596, and of the Conventions 52,

of to both 2648. And in 1636 there were of the teasts 1895, and of the teasts likes 7095 in both 2664, by which, it appears, that this difference is likely to be only a confusion in the Accounts.

so. Moreover, we find that for these later years, since 1636, the total of Convoidences and Chryson, added together are much left, viz. by about 400 or 500 per Annew, than the like Totals from 1639 to 36, which makes he think, that Teerh also were thrust in under the Title of Chryson, and layans, inastinuch as in the faid years, from 1629 to 1636, the number of Worms and Teerh wants by above 400 per Annew of white we find in

Precion of the Try of following years.

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the Accounts. a not of the Plagues week to an

Coming that greated Diffuse or Infection of the Concerning that greated Diffuse or Infection of the Concerning that the law been in London within this to fance that we conference of great effectivity, that is no fance years resonand resp., 16430-1642, and 1636.

5 37294 23359 5175 1.78 There died Anne 1592, from March 354 Whereof of the Plague

deno 1625, within the fame fpace
Whereof of the Plague

Man 1636, from April to Decemb.
Whereof of the Plague ercof of the Plaga ereof of the Plague ned in the faid y c, were bur

of these years most died; but in which of them was the greatest Moradis, of all Diseses in general, or of the Plague in particular, we discover thus. In the Mears 1599, and 1636, we find the proportion of these dying of the Plague in the whole to be mear alike, Now it is manifest of it self, in which seems most died; but its wishest of a years the createst Morrality of all Difes that is, about 10 to 23, of 11 to 25, or as a

the tripl to 51, or 7 to to, that is almost the cate of the former proportion; for the of 7 theing 343, and the Calle of to 18,000, the faid 343 is not ; of road. 3. In the Year 1625, we find the bear unto the whole is proportly

is Playe year as 1603, ithere mail he is not daly 7 to 10. but S to 10 and of great beinbers majers a visit diffi 4. In Anno 1603, the proportion of Plane to the whole was as 30 to 37, to 4 to 5; which is yet greatenthankelad to 20: For if the year 1625 had be

skog to have been the greateft Physics year of 1. 5. We muit therefore con-

6. Now to know in which you there for areft Mortality at large, v 중

2649020156 Anny SBuried 159 5 2 Christned

There died in the whole or { year of all the 4784 } Chailtacd 1698 Christood

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Office (dame Swhole year or saids)

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the Christings were about parts of Builded Anno 1592 but; the Christings were about parts of Builded Anno 1592 but; but in the and 1625, not above an eighth faid two years were the years of oradity. We faid that the year the greatest Plans year. And the the fanc was not a greater the than these 1625. Now to le thefe two Politions, we mailt a mailt a least to be found to the Capatric or the Capatric or the Capatric or the died of the Plane than w

counted for under that name. Which Allegation we also prove thus, vie.

8. In the fall year 16a5 there are faid to have died of the Plane 35417, and of all other Difeafes 1848; whereas in the years, both before and after the fame, the ordinary number of Burials was between 1 and 8000; fo that if we add about 11000 (which is the whole will be 46000, which bears to the whole 4000, as about 4 to 5, thereby rendring the faid year 1625 to be as great a Plane, year as that of 1603, and no greater; which answer to what we proved before, vie., that the Mortally of the two years was

9. From whence we may probably lulped, that about a part more died of the Plague than are returned for luch; which we further prove by noting, that Anne 1636 there died rouges of the Plague, the awhereof is 2600. Now there are faid to have died of all other Difeales that Year 129,99, out of which number deducting 2600, there remain 10359, more than which there died not in feveral years next before and after the faid Year years next before and

10. The next Observation we shall offer is, That the Please of 1603 lasted eight Years.

In some whereof there died above 4000, in others above 2000, and in but one fewer than 600: whereas in the Year 1624, next preceding, and in the Year 1626, next following the faid great Flowery year 1625, there died in the former but It, and in the later but 134 of the Player. Moreover, in the faid Year 1625, the Player decreated from its utmost number 4461 a week, to below 1000 within

Years, in eight wheteof there died 3000 per answer one with another, and never under 300. The which theys, that the Consagion of the Place depends more upon the Difformation of the Place depends more upon the Difformation of the Mr., than upon the Effective

from the Bodies of men.

O'FE! Which alfo we prove by the fuddain fumps which the Plague hath made, leaping in one Week from 118 to 927; and back upin from 993 to 258; and from thence aging the very near Week to 852. The which Effets mult furely be rather attributed to change of the 21s, than of the Confittution of 20cm. Bodie, otherwife than as this de-

ds upon that, other Pelitential Disastes, as Purple Featers, Small Pox. &c. do fore run the Phone a

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Year Irmoff. vichin

but 8000: in 1623, 11660: in 1624, about Year, two or three; for in 1622 there died les above \$ 4000.

## CHAP. V.

Other Observations upon the Plague, and Casualties.

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THE Decrease and Increase of Recomple is to be teckoned chiefly by Condon but Jackshiesers, though others die here. The Accounts of Christenings were ed some neglech therein, although even these neglects we must confess to have been regular and proportionable. well kepe, until differences in Religion oden

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2. By the numbers and proportions of

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First, That (when from Detember 1602, to March following, there was little or no Plane) then the Christenings at a Medium were between 110 and 130 per Week, few

Weeks being above the one, or below the ocreated, that then the Christenings decreafther; but when from thence to July the Plague ed to under go.

and July, there died not above 20 per Wesk of the Plegue; which finall number could neither cause the death or, flight of so many as to elect the proportion ; part cause even in the said space, between March accer at this time feems most probable, be-The Question is, Whether Teem Secondly, The Queffion is, Whether Is omen, Moreover, We observe from the 21 of uy to the 12 of October, the Plague increasigreduced the Christenings to 70 at a Medidiminifizing the above proportion down dideath, as well as Miscarriages and Abortions y for there died within that time about mwith child : befides , the fright of fo nany dying within so small a time, night Now the cause of this must be flying, e away formany others, as to cause this 15000; where I many were certainly Wo 9

-00 From December 1624, to the middle of April 1625, there died not above five a this time, the Christenings were one with Week of the Plant, one with another,

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ther 180. The which decreased gradually by the 22 of September to 75, or from the proportion of 12 to 5, which evidently squares with our former Observation.

pled after a great Plegue; which we affirm to be by the second year. For in 1627 the Chri-5. The next Observation we shall offer is, The time, wherein the City hath been Re-peothe Plane year 1625 (that had fwept away above 54000) were but 8299; and the Christenings of 1626 (which were but 6701) fenings (which are our Standard in this Cale) were 8408, which in 1624, next preceding mounted in one year to the faid \$408.

cannot be a fupply by Procreations; Erge, it must be by new Affluxes to London out of 6. Now the Caule hereof, forafunch as it

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the Country.

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hewing, that before the Plague-year 1603, the christenings were about 6000, which vering their former ordinary proportion in We might fortifie this Affertion by were in that very year reduced to 4789, but crept up the next year 1604 to 5458, reco-1665 of 6504, about which proportion it

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of Inhabitants within two years; which Obthat, let the Mertality be what it will, the City repairs its lofs flood till the year 1610.

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fervation leftens the Objection made against the value of Houses in London, as if they were liable to great prejudice through the loss of Inhabitants by the Plegue.

CHAP. VI.

Of the Sickline's, Healthfulness, and Fruitfulness of Seasons.

Healthfulness, and Fruitfulness of the Geveral Fears and Seasons one with another. And first, having in the Chapters afore going mentioned the feveral years of Plague, we shall next present the feveral other fickly years; we meaning by a fielly Tear such wherein the Darrate exceeditios, both of the precedent and subsequent years, and not above two hundred dying or the Plague, for such we call Plague Tears; and this we do, that the World may see, by what spaces and intervals we Now, Aving spoken of Cafualties, we come may hereafter expedituch times again.
We may not call that a morefickly year,
in more die, because fuch excess of so proceed from increase and accels of le corelle Crey only.

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2. Suelifickly years were 1618, 16, 23, nay be Rently the Tables.

faid fiekly years be left than that of the years both mekt preceding and next following: all which; upon view of the Tables, will be found true, except in a very few Cafes, where founctimes the precedent, and founctimes the fublicquencycars vary a fittle, but never both cogether. Moreover, for the confirmation of this Truth, we prefent you the year, 1660, where the Burials were fewer than Infeltier of fewer than in the fublequent by above 4000; And withal, the number of Christenings in the than in any of the two next precedent years by 2000, and 3. In reference to this Observation we shall present another, namely, That the more sickly the years are, the less fecund or fruit. tal of Children also they be. Which will appear, if the number of Children born in the aid vear 1660 was far greater

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although we not to be regleded, that in the faid year was the King's Reflauration to His Empire over these three Nations, as if God Almighty had would not be thought Superflittions, the three years next afore going.
4. As to this year 1660, a

al D

fered in his ablence. I say, this conceit doth abmdantly counterposse the Opinion of those who think great Pleases, come in with King's. Reigns, Decause it happed so twice, tit. Anna 1603, and 1625, whereas as well the year 1648, wherein the present King commenced his Right to reign, as also the year 1660, wherein He commenced the exercise of the same, were both eminently healthful; which clears both Monarch, and our present King's Panish, from what seditious men have surmissed against them.

5. The Disases, which beside the Plane was years unhealthul in this City, are Spotterers, Sand Pex, Defenery, called by some The Plane is the Outs and the unhealthul Scalonis the Australia. caufed the bealthfulners and fruitfulners

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## CHAP. VIL

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Of the difference between Burials and Christenings.

differently numbred and divided, 363935
Burials, and but 330747 Christenings within the 97, 16, and 10 Out Parishes; those of Westminster, Lambeth, Newington, Redriff, HE next Observation is, That in year 1644, exclusive of both years, there have been fet down (as happing within the riels than Christenings. This is plain, de-pending only upon drittimetical computations for, in 40 years, from the year 1603; to the not being the faid Bills there are far more Bamey, Hackney, and Illington, included.

low, That London thould have decreafed in its People; the contrary whereof we fee by its daily increase of Buildings upon new Foundations, and by the turning of great Palaci-B. Honfes into finall Tenements. It is there-

fore

fore certain, that London is supplied with Peofrom out of the Country, whereby not only to fupply the overplus differences of Barials above mentioned, but likewife to in-crease its Inbabitants according to the faid in-

the infecution part of the charge of the whole Netion in all Publick Taxes and Levi which populous than now, and bore another properrobably, when they were first allowed to d Burgeffes to the Parliament, were more rithan now ; for feveral of those reasts (end two Bargeffer, whereas Lonarease of housing.
3. This supplying of London seems to be the reason, why Windington, Lincoln, and feveral other Cities have decreafed in their aildings, and confequently in their lababi-Towns in Cornell, and other places, v

Gaintry, withinminety years; there have been 603 39 Christings, and bar 1280 Burials, the increase of London will be salved without in Bur, if we confider what I have upon exact enquiry, found true, via. That in the unity s and withal , in cafe all England of but fourteen times more People than erring the decrease of the People in the

whereof is \$250, which is the Total of the increase of the Barials in 40 years, that it 40 years, as we shall hereafter prove doth happen in the Country, the whole increase of of all Diffales, the Plague included, were at a Medium 9750 per Annum. And between 1635 and 1644 were 18000, the difference bout a 50000 be fent up to London in the faid I prove thus, viz. in the 8 years, from 1603 to 1612, the Burials in all the Parithes, and Country will be about 854000 in the ch we find to have been in and about Lon-206 per Annum. Now, to make the London, it will appear, how the faid increase of the Country may increase the People, both bout London, there remain 5980000 in the Country, the which increasing about ; part in faid time; out of which number, if but a to years, viz. about 6000 per humm, the laid Misson will make good the alterations abetween the years 1603 and 1644 above mioned: But that 250000 will do the fame as hereafter we shall shew, then there are in all outof London and it leif; for if there be in the 97, 16, 10, and 7 Parishes, usually comprehended within our Bills, but 460000 Souls which fubtrad 460000, for thosein eland and Water 6440000 Perfons, Bariels increase 206 per Annum,

cording to the proportion of a dying out of the which makes the Product 247200, which is left than the 250000 above-propounded; fo as there above 600000 of increase in the Country within the faid 40 years, either to render it more populous, or fend forth into be added to the City 30 times as many (ac is not im or Wars. But that england Families) vie. 6180 Advene, hath fourteen times more People, other Colonies,

probable, forthe Reasons following. afteenth proportion of the whole Tax.

2. There are in England and Wales about 39000 square Miles of Land, and we have computed that in one of the greatest Parishes in Hantsbire, being also a Market Town, and as the 4 parts of the faid 220, multiplied by the Total of fquare Miles, produces 6400000 Souls in all London included. containing twelve square Miles, there are 220 thate for the over-plus of People more in that Parish than in other wild Counties. So Souls in every square Mile, out of which

mould not contain the part of the Land, nor the country-Pagland and Wales, the which, although they There are about 10000 Parishes

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rith, which we have examined, yet may be supposed to contain about 600 Feople, one and Wales about five and twenty Millions of Acres at 16 2. Foot to the Perch 3, and if there be fix Millions of People, then there is about four Acres for every head, which how well unto others, not only as a means to examine it agrees to the Rules of Plantation, I leave my Affertion, but as an hint to their enquiry concerning the fundamental Trade, which is with another: according to which Acco there will be fix Millions of People in the tion. I might add, that there are in En Husbandry, and Plantation.

4. Upon the whole matter we may therefore conclude, That the People of the whole Nation do increase, and consequently the de-crease of Wandester, Lincoln, and other like places, must be attributed to other Reasons, than that of re-furnishing London only

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that, if there belixty of rhem 5. We come to thew, why although in the Country; That is, let there be an hundred Persons in Londom, and as many in the Counyet in London they do not. The general Reaportion of those subject to die, unto those capable of breeding, is greater than in the Country the Christenings exceed the Buri ity; we fay, Breeders in London, there are more than fixty a the Country, or elic we must fay, that London is more subsalthful, or that it inclines with the carce difeernible in any confiderable de-Christenings of Hackney, Newington the other Country-Parithes, with the noff Smoky and Stinking parts of the City, nore to Barremefs, tha and Wom

6. Now that the Breeders in London are proportionably fewer than those in the Coun-

iry, arises from these Reasons, viz.

r. All, that have business to the Court of the King, or to the Courts of Juffice, and all Manufadures, and Rarities, do for the most part leave their Wives in the Country. Country-men coming up to bring Provisions to the City, or to buy Forein Commodities,

2. Persons coming to live in London out f curiosity and pleasure, as also such as could retocated five privately, do the same,

have any.

Such as come up to be cured of Difeafes dosfearce use their Wives pro tempore.

o are bound feven or nine years from Mar-14. That many Apprentices of Landon, ringe, do often flay longer voluntarily.

jed to die in the ablence of their Husbands, than to breed either without men, or with the ns. That many Seamen of Landon leave their Wives behind them, who are more fub-

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wife why do fickly Perfons remove into the Country-Air? And why are there more old men in Countries ahan in Lordon, privated And although the difference in Hackney and Newington, above metitioned, be not very where, yet new-comers and Children do not; for the Smeeks, Stinks, and close der, are lefs ute of many promifeuoulty.

6. As for unicalthinets, it may well be fup pofed, that although feafoned Bodies may, and do live near as long in London, as elfehealthful than that of the Country; othernototious, yet the reason may be their vici-nicy to London, and that the subabirants are most fuch, whose Bodies have first been im paired with the London Air of before then vithdraw thither.

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ion . I fay, that although there should be Especially the Adulteries and Fornications, supposed more frequent in London than elfewhere, do certainly hinder Breeding. For a Woman, admitting ten Men, is so far from ne extraordinary in the Native Air of the ce; yet theidremperance in feeding, and 7. As to the causes of Barrenness in Law

aving ten nines as many Children, that the ath pone at all.

els, than in the Country, where their work semporal Labour and Exercites; All which ote Breeding, whereas Anxieties of the 8. Add to this, that the minds of men in be are more thoughtful, and full of buff mind hinder it.

## CHAP. VIII.

Of the difference between the numbers of Males and Females.

THE next Observation is, That there bemore Males than Females.

Males, and but 130866 Femules, and that Males and but 190474 Females: butit will be objected, That in London it may be indeed 16 Christened within the same time 139782 There have been Buried from the year 1628, to the year 1662, exclusive, 209436 London is the great Stage and Shop of bufinels, wherein the Majonine Sex bears the greatest But we Answer, That there have been though otherwife elfewhere; becaufe

the Country-Accounts are conformed to those of London upon this matter.

2. What the Causes hereof are, we shall vellers would enquire, whether it be the SET ther Cafes: only we shall define, that not republe our felves to conjedure, n other Countries.

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ga years, fo that we shall pais from sence to nevery Age these proportions change here, but that we have Bulls of diffinction bur for We should have given an Account, how

I. That Christian Religion, prohibiting Polygony, is more agreeable to the Low of Nature, that is, the Low of God, than Mehumenism, and others, that allow it: for one 4 Man his having many Women, or Wives, Law, fignifies nothing, unlefs there were ny Women to one Man in Nature alfo.

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there be naturally, even of these species, more Males than Females, yet artificially, that is, by making Geldings, Oxen, and Westberr, there are sewer. From whence it will follow, fo which I Answer, That although perhaps That one Horle, Bull, or Rem, having each of them many Females, do promote increase II. The obvious Objection hereunto when by experience it is found how

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d this I take to be the trueff Reafon houfands of thefe few of the other and other Fermin 0 0

sen, as Fellow id, There are more males g we fay next, That the It See, 6 noreover, Linto Fora thirteen Men dieviole above eigh id die by the Bana of Jeynendelino of Mengo to Calonies, and taffiy, a patta, than Women; and taffiy, a patta, than Women; as least than of Women, as about ! itherto la ð 혛 the oth

the yet the filld thirteenth part difference oringeth the businels but to shock a paid, that every Woman may have an Husband, withous the allowance of Pelgramy.

fourty years, and a Woman bus five and twenand the later marriage of the Men, reduce all 325 Fewales, yet the causes above-names to an equality.

6. It appearing, that there were foutteen Men to thirteen Women, and that they die in the fame proportion alfo; yet I have beard Phylicians fay, that they have two Women Patients to one Man, which Affertion ferms wery likely; for that Women have either the Green-ficksoft, or other like Diffempers, are lick of Breeding; Aberrians, Child-bearing, Sere-breafts, Whites, Obferedings, Ets of the Mather, and the like,

7. Now, from this is should follow, the none women should die than Men, if the name ber of Berislansswered in proportion to the of Sickneffes: but this must be falved eithe by the alleging, that the Physician cure thos Sickneffes, to as few more die than if non were fick; or elle that Men, being more in temperate than Women, die as much by rea ion of their Vices, as Women do by the

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miry of their Sex ; and confequently, more

In the year 1642 many Maier went out coecded them so for all employment for not remain the fame, no doubt but the numrof them could not long continue in difof London into the Wars then beginning, informuch as I expedded in the fucceeding year 1643 to have found the Burials of Pemales, to ur of the Country 3, and if any left their have exceeded those of Males, but no altera Irading continuing the same in London, all ofe, who loft their apprentices, bad others tion appeared; forafinuch y as I suppose proportion 1800

next year after they increased fomewhar, the feedad after to as full a number as in there be word Housing there to receive y. Another pregnant Argument to the fame r pofe. ( which tath already been couched is, That although in the very year of the gase the Christenings decreated, by the ingand flying of Treming Women, yet the decoud year before the faid Plegue: for I ndred in London, that is, a Way how an ed diaylive better than in the Country,

hem, the evacuating of a fourth or third part of the number must from be supplied our of Country; fo as the great Plague doth not effen the Inhabitants of the City, but of the elves from thence hither, fo long, until the Country, who in a thort time remove them City, for want of receipt and encouragement regurgitates and fends them back.

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without the former, as was faid before in cafe From the difference between Males chrin those places where Raygamy is allowed, the later being ufelefs as to multiplication, nd Females, we see the reason of makin beep and other Animals ufu thefe Counteries, his con

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er it. For that Operation is equally practito meliorate the Flesh of those Beasts that fus ed upon Horfes, which are not used for food rr. By confequence, this practice of Ga is upon those that are.

Women, all of which eight Men are married or eight of the ten Women, then the other ewo cal over plus, or difference between them and forbidden, if a greater number of Male oblige themfelves to Calibrate, than the naturmales amounts unto; then multiplication is hindred; for if there be eight Men to ren tra. In Popife Countries, where Polygun

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o the fame reckoning. Now, if the portion of Women obligerhemichyes is life likewife, then fuch obligates no change in this matter of unat to fruitate them by procured admitting Menas Whores (cha date a) which commonly proceed tan if more at all had been wied erions, or feater Murchers; proporting file file or elfe fach u irns to th

13. From what hath been faid appears the alon, why the Law is and ought to be forid against Fornications and Adulteries; for, there were universal liberty, the Increase Markind would be but like that of Fourse

ber of their People (Hands being the Father, as Lands are the Mother and Womb of Wealth)

[Kis no wonder why States, by encouraging Mauriage, and hindering Licentious fines, advance their own locerest, as well as preserve the Laws of God from contempt and viola-14. Now forafinneh as Princes are not only Powerful, but Rich, according to the num

Fig. fe is a Bleffing to Mankind, that by

Barto Polygony: for in fuch a flate Women could not live, in that parity and equality of expense with their Husbands, as now, here they do.

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Husband cannot maintaines splendidly three, as one; for he might, having three Wives, live himself upon a quarter of his Income, that is, in a parity with all three, as well as, having but one, live in the same parity at half with her abore: but rather, because that to keep them all quiet with each other, and himself, he must keep them all in greater aw, and less splendour; which power he having, he will probably use it to keep them all as low as he pleases, and as no more cost than makes for his own pleasure; the poorest Subjects, (such as this plurality of Wives must be) beng most casily governed.

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## CHAP. IX. ob path of one of the growth of the Cityan

the fixteen without the walls, and the fixteen without the walls, and the fixteen without the walls. (befides 421 of the Plague, 3508. And the next year 3478, belides 29 of the Plague; in both years 6986. Twenty years after there died in the famoninety feven, and fixteen Patiflies, 12110.

twenty four to thirty one: the which laft of the three numbers, 15625, viz. as about the three numbers, 15625, is much more than double to the first 6986; viz. the faid 2. Moreover, the Barials within the like space of the next twenty years, viz. Ann Parifies have in fourty years increased (wenty three to fifty two.

3. Where is to be noted, That although

ninety

ancty, feven with the fixteen Parifles, yet nety feven. For, in the year 1680, there died within the walls 2726, and in 1660 there died but 3098 (both years being clear of the Plane:) to as in this fourty years the faid ninety feven Parithes have increased but moine to ten, or thereabouts, because the Housing of the faid ninety seven Parisher could be no otherwise increased, than by turning great Houses into Tenements,

to two in fifty fire as in the last aforegoing o4. In the year 1604 there died in the ninety feven Parifies 1518, and of the Plique 280. And in the year 1660,3098, and none of the lags baye doubled. Where note, That for-much as in the faid year 1604 was the very cher make the comparison between 2014, which died Anno 1605, and 3431. Anno 16593, chaoling rather from hence to affert. That the ed from ewenty to thirty four, or from ten faid ninety feven and fixteen Parithes increase Gity was nonyerre-peopled) we shall ra ext year after the great Plume 1603 (when

S. dans 1605 there died in the fixteen Out Pariffies 2974, and done 1659, 6988; fo as in the fifty four years the faid Pariffies have increased from three to seven.

Parishes 960, Ann 1659 there died in the same scope of Ground, although called now ten Parishes (the Servy and Genera-Garden being added) 4301: so as the said Parishes have increased, within the said tifty four 6. Jame 1605 there died in the eight Our lears, more than from one to four.

Morcover, there were Buried in all, ne 1605, 5948, and Anno 1659, 14720

Account alkalines who he Wall is increased by the convertion of the Marqueis of Windebeller's House, Jately the Aparilla Barbasta-dour's, jatoa new Sireer; the like of Alder-8. Having fer down the proportions, inertial we find the faid three great Dividions in the whole Pyle, called Busdon, to have created; we come next to thew what particular Parifles have had the moft remarkable flare in these Augmentations. \*\* Fix. of the ninety seven Parifles within the Walls the increase is not discernible, but where great great Houses, formerly belonging to Noblemen, nesserve they built others near White hall, have

man Freeman's, and Le Motte's near the Exlow's Palace, the Dean of Punt's, and the Lord ver's House now in hand; as also of th bury; the like of the Bilhopof Lan uke's-Place, and others beretofore.

wark, then Saint Andrew's Holborn, then 9. Of the fixteen Parifles, next without the Walls, Saint Giles Gripplegate hath been most enlarged, next to that Saint Oleves spatible. White-Chappel, the difference in the reft not being confiderable.

10. Of the Out-Parifhes, now called ten, formerly nine, and before that eight, Saint Giler's and Saint Martin's in the Fields are off increafed, notwithflanding Saint Past! rvent-Garden was taken out

Royal Exchange and London-Bride flay the Trade, is would remove titleh fafter. for Leaden-Hall-frees, Billop's Gare, and part it felf yet entire, by reason of its conjunction with, and relation to London-Bridg. of Fen-Church frees, have loft their Ancient 11. The general Observation, which art fes from hence, is, That the City of Lon

January freet and Waline frees have loft their Trade of Woolen- Brape ruc Paule Charch Tard, Ludgase bill, and Elect-frees, the Mercers is pone from out of Lumbard frees, and Cheapfide into Passer Nofter-Row and Fleet-frees. Tr. Again and

King's Court. (in old times frequently kept in the City.) is now always at Westminster. econdly, the use of Coaches, whereunto hath caused the building of those broaden 13. The realons wheneof are, That the trocts in Covent-Garden, &c.

Gounodity, where the Confumption of a Gounodity, is, wife, among the Gentry, the Venders of the fame must feat them S.

aces and Gardens within the Walls with suite, to the prejudice of Logist and Air. 15. Fourthly, the cramming up of the void anade men build new ones, where they

is fear those inconveniencies.

116. Conformity in Building to other civil grounsbath diffused us to be out old Wood-udark House, fall to decay, and to build ones, whereby to answer all the ends

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angre-mentioned.

17. Where note, That when Lad gate was the only Western Gate of the City, little 1888.

urbs, as daily appears by the intolerable Building was Wellward thereof: but, when Walled City, and its enlarged Western Sub scient for the Communication between the made. But now both thefe Gates are nor fu thefe Gates, especially Ludgate.

#### CHAP. X.

of the Inequality of Parifies.

Efore, we pais from hence, we shall offer to consideration the spequality gate-Parify 1191, that but twelve died in the proportion of their respective Barials Botolph's Billiop-gate, being of the mid ohn the Evangelist's , Mary-Coal-Church Parifies in and about London, evidencia Bennet's Grace Charch , Matshew Fridag as the Minories, and 200 times as big as Sa for in the same year were Buried in Crip forhat Cripple gate is an hundred rimes as er Ann Trinity Minories, Saint Seriour's South dle fize, as burying five and 600 p

feres, and fome others within the City.

2. Hencemay artife this Queftion, Where fore fhould this locquality be continued? If it it is Anfwered, Because that Passars of all forts, and fizes of Abilities, may have Benefices, each man according to his merit a we Anfwer, That a two hundredth part of the best Parjar's learning is scarce chough for a Sexton. But besides, there seems no reason difference at all, it being as much Science to fave one fingle Soul, as one thouof any

We incline therefore to think the Parifles flould be equal, or near, because, in the Reformed Religious, the principal use of in Lings will fafily extend 5. I fay eafly if they speak an hour or more tog er is to Preach in : now the bignefs ich a Genrekought to be no greater, than nto which the voice of a Preseber of

The use of such large Charches, as Paul's, now wholly loft, we having no need of fayg perhaps fifty e Helfer all at one time; nor
t making those grand Processions frequent in
e Remish Church; nor is the shape of our Preview, but rather the Figure of an Amphi-Thearer with Galleries, gradually over-look Gatheirs! proper at all for our Presching As

ng each other; for unto this Condition the appears by the many Galleries every day parith-Churches of London are driving apace, built in them.

S. Moreover, if Parithes were brought to the fize of Cashine, freet, Albaliant-Baking, Christ-Church, Black-Friers, &c. in each whereof die between 100 and 150 per Annum, then an hundred Parithes would be a fit and the Minifers (fome whereof have now scarce Annum ) might obtain : equal Division of this great charge, and a fourty pounds per lubfiftence,

rithioners through neglect do perith, and many vicious perfons get liberty to live as they pleafe, for want of four heedful Eye to 6. And laftly, The church-Wardens and Over-Jeers of the Pour might find it possible to discharge their Duties, whereas now in the preater Out-Parishes many of the poorer Pathey pleafe, for overlook them. CHAP

A CONTRACT OF THE PROPERTY OF THE PARTY OF T

Of the number of Indubitants.

have heard them talk feldom under Millions of People to be in London: all which I was apt enough to believe, until, on a certain day, one of eminent Reputation was upon occasion affecting. That there was in the year that two Millions of People more than Anna 1625 before the great Plage. I mult concen frighted, with that mif-understood Exfied thereof, went about the work it felf in that, until this provocation, I had of making such Enquiries, and, being satif-Have been feveral times in company with uration of the People of this populous place; but hereupon I both examined the lawfulnefs this manner: wie.

2. First, I imagined, That, if the Conjecture of the worthy Perfon afore-mentioned had any truthin it, there must needs be about

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Amen were burifar not above on and confequencity, that our hundred mult die by al werebut fix Millions.

mentioned about good were Marthy and Still-torn, or died of Teach, Convulgin, Rickett, or as Infants, and Chryfons, and Aged; I concluded, that of Men and Women, between and fixty, there scarce died ropog 3. Next confidering, That it is effected a even lay, whether any man lives ten years onger, I fuppoled it was the fame, that one ny cen might die within one year. Bu triplied by 10, there must be but roose all, that is not the 2 part of what the He He war imagined. These were bit fidden ghre on both fides, and both far truth, I thereupon endezvoured to get and fixey,

hearer, thus: vie.

Loonfidered, that the number of Child-bearing Women might be about double to the Births: foraimuch as fuch Women, one with another, have fearer more than one Child in two years. The number of Births I found, by those years wherein the Registries were by those years wherein the Registries were

20

therefore effected the humber of Teerwige.

Wesers to be 2,4000: then I imagined, that there might be twicess many Families, as of fuch Women; for that there might be twice as many Women agest between 16 and 76, as between 16 and 40, or between 20 and 44; and that there were about eight Perfons is and that there were about eight Perfons is a Family, one with another, way, the Man and his Wife, three Children, and three Servants or Lodgers: a now 8, times 48000 makes ale in chefe late y are about 13000, and Christening not above 12, teemed the humber of 7.

Secondly, I find, by telling the number of Families in fone Farifies within the Walls, that 3 out of 11 Families per assessing the whole, it should follow, there were \$8000 Families according to the last-neuti-

ourd Account.

6. Thirdly, the Account, which I made of the Trained Rands and Assiliary Souldiers doth mough juffife this Account.

7. And laftly, I tools, the Map of London fer our in the year 668 by Richard Mowers, drawn by a Scale of Yards. Now I shelfed that in 100 Yards (quare there might be about 5. Families, fuppoing every Houle

Houfing in each, and in the two otherfides Search, In all 360 Yards; that in, 54 Families in Each fquare, of which there are 220 within the Walls, making in all 17880 Families within the Walls. But foraimuch as there die within the Walls about 3200 per chacthe Houfing within the Walls is the part of the whole, and confequently, that here are 47520 Families in and about Landow, which loft men do believe, as they do, that there rolle to Root in the front a for out two lides well enough with all my former comacionse the world whereof doth fufficient. firetent. which nevertheless three Women for one Man, where fourteen Momen, he faid fquare there will be ros People in London , retath been faid.

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habitants of Loudon to be about 38, the which being granted, we affert? I're are Males, and 184886 Fema . We have (though perhaps too a don) determined the number of

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. Whereas we have found, that of 100 å out one furviveth 76; we having feven quiek Conceptions about 36 of them di

where it follows, that of she cived, there remains alivout fix cre following are practically near enough othering; for mendonor die increasi. Pro-ordine, not in Fractions, from whence riferens Table following. or sterois The next ten years, of Decidary The feoral Decidary d Paramad 64 iry fix H 555

ter frollows affor that of all which have been conceived, there are now after a particle as your create above fixeeen years old. 25 above above Table. There are therefore of Age becomes 76 and 56 the humber of 40. Id's by the views 25 and 66 the number of 25, Id's by thee, views 25 and 66 the number of 25, Id's by thee, views 25 and 66 the number of 25.

being 34; it follows, there are 34 per Cent. of all those Mater fighting Men in Lindon, that is 67694, wie. near 70000; the truth whereof I leave to examination; only the 20 67694, with 13539, is to be added for Wife miglior, otherwise, its to be added for the different freithes, its linds in all \$1233 elected different freithes; its linds in all \$1233 Wherefore, fuppoing there be 199112

fighting Nen,

1. The next enquiry will be In bow ong time the City of London-hall, by the ordinary proportion of Breeding and dwing, double its breeding People? I answer, In about feet myears, and O'lower confidence) again of Breeders, that is, o' the whole, it follows that in eight times again was the whole Repople of the City flast double of the City flast double of the City flast double of the City flast double.

grom two to fire

ta According to this proportion, one themselves every 64 years of the 56 to year, which is the Age of the World according to the Sentieres, shall produce far more People than are now in it. Wherefore the World is to above so chousing years older, as four wainly imagine, not above what the Seriphare thates it.

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PRE BIR BANKS CONTRACT STORE HE

with a C. Hat P. of XII. I Toy

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TE have, for the present, done with one of and oblight and children around the Accounts of the facility of the facility of the Country, having to that purpose in the Country, having a place wither famous in Hasifiers, being a place wither famous for the countrair. Upon which Tables we observes contrair.

of 9

that that is the proportion of Chaldren who any Marriageable Man or Woman may be profumed fhall have. For, thought man mabe Married more than once, yet, being on Married, he may die without any liftee and confequency of Children w That every Weath

2. That in this Pariffithere were borning formulas for 16 Males, whereas in Landon there were 13 for 14., which flews, that London is fomewhat more apt to produce Males than the Country. And it is possible, that in fome other places there are more fermades both than Males: which, apon this variation of proportion, I again recommend to the examination of the curious.

3. That in the faid whole 90 years the Burials of the Males and Females were exactly equal, and that in feveral Denale they differed not to part ; That in one of the two Denale, wherein the difference was very notestions. Females but 284, vie. 53 difference, and the other chere, died contrariwite 33 dales, and 386 Females, differing 46.

4. There are also Decade, where the Birt of Males and Females differ very much, etc. , there were Buried of Males 337,

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about 60.

S.That

ed of about 2700 han tur

count of Birials to fivellabout 2002 per aleme, and will answer the increases we obferre. It is clear, that the faid Parish is mcreased about 1900, and it is probable that
there or four hondred more went to Lendar;
and it is known. That about 400 went to
New England, the Caribe-Hands, and Newfound-Lond, within these hill fourty years. was flaid even now, it neither appears by Barias, Christians, or by the built of a thorting, that the faid Farish is more polarizator, than 90 years ago, by above of about, of their increase, viz. about one of about, of their increase, viz. about one of one of their inhabitants described to hear a share be in Links as many uple in England as there be in Links (for chive have given fone Reasons) then the increase by the Adornal every year to be one beautiful then the beautiful in the contraction of the incinete 1 659 have in all probability parted to the increase of Landow, then that even now, its neither appears to

the Burials have exceeded the Births, e cale of Epidamical Differile. Decade there have been three givenesses (Though more re

8. Our former Observation. That healthers are also the most fruitful, is much infured by our Country Accounts. On being our Sandard for Levil, and 3 for the being our Sandard for Levil, and 3 for the being our Sandard for Levil. And 3 for the country out a few infances thereof. Hallie our to the Tables for the general proof where both, there died but 29. Now, home of the whole 90 vears, more wire the fewer that 29 when than 103, and but 70 vears, more wire the fewer that 29 were both, there both, but 41 died our than 103, and but 70 vears, more wire wire the very see. So, when 86 were both, but 41 died very 50, when 86 were both, but 41 died very 60, when 86 were both, but 41 died very 60, when 86 were both, but 41 died very 60, when 86 were both, but 29 died; but 60, when 103 were both, but 29 died; but 60, when 103 were both, then 52 died. Ou the other fide Lane 1638, when 136 Ou the other fide Lane 1638, when 136

orn, by

59 were born.

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Ame 1 593, wherein did Anne 1584 hèle diproportions are far London: for let it be flevo London Bills, that within two decreased to 86,1 12.5 or to rife from \$2, nèfe disproporti g as they

in the next year; 594. Now these disproportions both in Births and Burials consisting that hat heen before affered. That Health substitutes and Fruitsians/g to together, as they would not, were there not disproportions in both, although proportional.

11. By the Standard of Burials in this Parish is dought to have computed the number of Infabitants in it, wise, by multiplying 58 by the which made the Present 292, the number of Families. Hereupon I wondred, that a Parish containing a large Market-Town, and 12 Miles compais, should have buring a Hou. CONTRICACT IN had for London: but when upon enquiry, I found there had been 2100 Communicants in ed too many into that Ordinance, I then multiplyed 23 arby 8, retry wheteof was 1896, thereby hop that Parish, in the time of a Minisher ave had the number of the Inhabita force

ornicans in all times; I found allo, that oralinach as there were near as many under its years old, as there are above, wie. Commindents; I concluded, that there must be bout a goo, or a 800 Souls in that Parish; man whence it follows, that little more than me, of go, dies in the Conners, whereas in Estados it feens manifel, that about one in a dies, ower and above white dies of the dinary number of Comes; I found alfo, that

the Country, yer, upon the whole there die tewer per rate; to as the note faintly afferted in the former Cr. That the Country is more bealthful e. City; that is to fay, although mo incregularly, and left per falson in L. is. It follows therefore from bence,

Figures, Steams, and Steaches above mentioned, although they make the Air of Landon inner equal, yet not more Healthful.

1.1.2. When I confider. That in the Country Grency are Born for fifty eight Buried, and that before the year 1600 the like happened in Landon, I confidered, whether a City, as it becomes more populow, doth not, for that year calle, become more mahealthful; and inclined to believe, that Landon now is more inhealthful; and inclined to believe, that Landon now is more inhealthful.

it is more populous, but chiefly becaufe I have beard, that fixty years ago few Sta Cada

have beard, that they years ago few Sea Gale were burnt in London, which are now universally nice. For I have beard, that Newcelle is more subscaled within other places, and that many People cannot at all endure the fimoak of London, not only for its umpleafanmed, but for the fuffications which it canfes.

14. Suppole, that Anno 1569 there were 2400 Souls in that Parish, and that they increased by the firstlary, exceeding the Barish, Sea it will follow, that the faid 2400 cannot double under 200. Now, if London be left healthful than the Country, as certainly it is, the Plague being reckoned in, it follows, that London be generation in much above 200: but if it hach increased from 2 to 5 in 54, as aforefaid the fame must be by reason of craniplantati on out of the Country.

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### The Conclusion.

L may be now asked. To what purpole rends all this laborious building and groom?

The number of the People?

The number of the People?

How many Married and Single?

How many Married and Single?

How many Learns Women?

Some many Selevery Senemen?, or Decome of Years in age?

The Manual Learns Man?

The Manual Learns was the Houling is replenified after a Plague?

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5 6

9. What proportion die of each general and particular Cafacters?

10. What Years are Fruitful and Mortal, and in what Spaces and Intervals they ollow each other?

Orders of the Church, and Self: have increased?

12. The

13. Why the Borada in London exceed the Christmage, when the contrary is vife, ble in the Country.

To this I might aniwer in general, by faying, that thole, who came apprehend the readm of thele Enquiries, are unfit to trouble themicises to ask them.

2. I might aniwer by asking. Why Comming wave, Ipeut their times and Effaces about the Act of making Gold? which, it is wrecome the Act of making Gold? which, it is wrecome have income the Act of making Gold? which, it is wrecome have in the Face which Gold now possificts, and it is were known, would only exalt Silver into the place which Gold now possifiets, and it is were known but to fone one Perion, the fane single. Asserts could not, any durity postensy it, but must be sither a Prilaner to fone Prince, and Slave to fone Woldmeary or elle skulk obscurely up and down for his privacy and concealment.

3. I might aniwer. That there is much pleafare in deducing to many abitruite and unespected inferences out of these poor despited Sills of Marrials; and in building upon that ground, which the half aim waste these eighty were.

Tamfering the World with voluminout Transcriptions.

and over reach one another, and by fair out-running, but by trip-cach others heels, to win the 4. But I answer more seriously, by com-aming, That whereas the Art of Governing, of the true Politicki, is how to preferve the ed in Peace and Pleasy, that men findy that part of it which teacheth how to 10 ", not by fair out runn

of every fort of Meadow will bear; how many Cattel the fame weight of each fort of Hay will feed and fatten; what quantity of Grain and other Commodities the fame Acre r, the Foundation or Elements of this armiels Policy is to understand the vere good to know the Geometrical Content, Tigure, and Situation of all the Lands of a im, efpecially according to its molf nawere good to know how much Hay an Acre eintrinsick value: for there is allo another filling of the Cautes why a parcel of Land, nd the hands of the Territory, to be emed according to all their intrinsick and f, permanent, and confpictions Bounds All which particulars I call orain and other Commodities the lattie Ac will bear in one, three, or feven years, on mathew Annes; onto what the each foil tal differences: As for example raine meerly accidental, or extrinfick, months dans

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ploying others, nor working them bucof and North wefters Parts of Ireland, there ing to many excellent Harbours for that poole, whereas in feveral of those place have also heard, that there are few other habitants, but fuch as live as floater and are write Subjects of Trade, as neith ade more certain and gular : for . if men knew the People aforefald, they might know the confunctivey would make, four Trade migher hoped for where it is impossible. As former, if have heard much complaint, Trade de is not let in some of the Sa efs necellary to kn leof, he Well abo there be of ea fick goo Religion, Trade,

were di re buc finall hele things Moreover, if all all and traily known (was it would appear the People work upon Par Chil Calling, vic

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# A P P E N D I X.

Constituted as a long and ferious perulal of all of Mortality, which this great City hart afforded for almost fourfective years, bath advanced but the few Observations comparised in the form-doing Treatise, I hope wity fluide will be expected from the few scenered Papers that has come to my lands since the problishing there of , especially from one the hasts substantifrom the Royd Sexies, how many Observations as to the making up of one Thosele, whitch (like Oaks and other Trees in the distribution rible Building.) until he of steny years

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about 30000, viz. about one fiftcenth part of those in and about Loador, which agrees with that Number which I have heard the Books of Poll-Money, raised but little before the time of this Bill, have earlibited as the Number of Inhabitants of that Ciry: So a although I do not think one findle Weekly Bills use the bell of the case ways from which to called the Number of the People.

Secondly, Aithough I take it for granted, that in Dublin there he more Born than Buried, that in Dublin there he more Born than Buried, because by the Bills of Mortality before the west 1641. When the Civil Wars began, and much more taningfully in Amsterdam, as firm Structure out of them, I leave it to the Architecture of the faddweisty, underwhomlithink it honour enough to work as Labourer.

My first Observation shall be. That at Diesis the Number of Weekly Burials being about 20, and those of Lowing about 300, alfo the Number of Reople reckoned to within the Limits of the Bills of Mortality and to be 4600000; it will follow, that Number of Inhabitants of Dublin be

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ns yerderearebut ds which flews, th

in the Regifler, or non-conformity to Publick Order, or both, Lleave to the curious. I believe the cause is also the same, forase much as I beard it to be a Maxim at Dablie, to follow, if not forerun, all that is, or as they understand will be, practified in London; the defect there is much the fame as at Low bether the cause thereof be negligen that in all particulars incident to hun

I have here inferted two other Country-Bills, the one of Cembrack in Kent, the other of Triverson in Devember, which with that of Hamfers, lying about the midway be tween them, give us a view of the most Edectry, Southerly, and Westerly parts of Estendad: I have endeavoured to procure the life account from Northweberland, Clessor, Norfish and Natinghamsbries, Thereby to have a view of seen Counties most differently frequenced, from whence I am sorre to observe that my Southern friends have been higherto North. The full observation from these is, that all these three Country Bills that each Wedding produces for Chil which is likewise confirmed from the of Anglesia. Secondly, they all that there he more Males born than I rious and diligent the

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but in different proportions, for at Evaluaries of the best of Males for 19 Females, in Himselfire, 16 for 13, in London 14 for 13, and at Touries, 12 for 11. Thirdly, I have inferred the Bills chanfelves, to the end that whoever pleffes may examin, by all three to gether, the Observations I raised from the Handling Bill alone; conceiving it will be more pleasure and fails action to do it them. ves, than to receive it from another hand, if y that and the years 1648 and 1649, ing the rine when the people of England ing the rine when the people of England in the year in the Particide of his earth elegated hajely, that there were buildings in that year in the lame places, on there were ordinarily between 30 and 50. On the were fortunarily between 30 and 50. Of it may be alto observed that former were himstly at other times between 50 and 60. Of it may be alto observed that former were himstly at other times between 50 and 60. Of it may be alto observed that former were himstly at other times the role of its black unurder appeared in the years 43 and 1844, when the Civil war was at highest. But the contrary in the years of the time of the popularities their imposted upon the popularities that the popularities.

heral Balls for the years 1662, 1663, 569, 569, 4616b, you will find to juilifie

the former Observations. But moff eministic that which stake to be of nost concurred, and the difference been the mimbers of Males and Pemales.

In the former Objevations I did endeavour to deduce the number of the librabitants about the City of Louiss, from the Balls of Mortality, concluding them to be about 460000, and did likewife fet forth by what fleps the people of the faid City have increased from two to five fince the year Mortality , fleps the created fi

And particularly in what proportions the City increated in its feveral parts front time to time: I have now procured an accidut of the Men, Women, and Children, which were I may 1631. Goud within the Liberties of London, which are circumferibed by Temple Bay Bury, Swithfull Bay, Shredieb Bay, White-chappel Bay, and to the Tower Liberties, and Meal-market in Southwark; by which account I hope it will appear, that I computed too many father from roo few, although the most part of men have thought otherwise. Nor do I wouder at 1t, fince I haver observed more enounous miliakes in any matter than concerning the number of people, Aleboures, and feveral Ships, Samen, Water-tieb and feveral

other

The proportions of that the whole number of Inhabitanes er Tradefinen, &c. The proportions o which I have always thought is necessary to be known, in order to an exact Symmetry of the feveral members of a Common-wealth Tay, that

number of Men, Women, and found in the City and Liberties The Children,

1631,-Was 130178.

te of mine, neverthelefs, I leave Liberries of the City of London the 97 Parithes within the Walls, of gof the 16 Parithes next without them confilt of the 97 Parithes ch estim The

to examination

nay appear by the Tables, and confequent-the faid 130000 found in the year 1631, re increased to 179000, in Anno 1661. Laftly, the Liberties of London in the year 1631 to the year 1661 increased from 8 to 11 be Liberties of London from

and confequently if there were 179 000 4e3000 in the whole number of Pariff n comprehended in the Bills of Mortality umber of Parith in the faid Liberties, there was n

ce of the e fubitan

Mortality is, eve.

That there died in the feveral years of ne Plague, as followerb:

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the like number of 330.

9. In February following there died but 1.5 a week, and the ordinary number of weekly Burials is about 100, to 30 London Gens to be three times as big as Amfer-

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I have likewife hapned on fome other

Accompts, relating to Mortalisies of some prese Cities of the World, of what Authority I know not, but as printed at Amsterdam 164, vit. Ann 1619 there died in Grand Car in the weeks 73500, without any vitilisted mithration of the people.

7. Ann 1629 there died in Leptons any vities diministrated of the people.

7. Ann 1629 there died in the fame City of Lyan from 1629 there died in the fame City of Lyan from the 14 of 74%, to the 29 of Dimetry 1351, the greatest weeks increased from 96, to the latter end of Ottoler was 1552. This Plague in 15 weeks increased from 96, to the latter derivated to 1452, and in the weeks after derivated to 1452, and in the weeks after derivated to 10500. An Iwentile to the time of increased to 1055. there died in 21 weeks from July to November 1357, the greatest week being September 25, when died 896.

S. & Markes there died in the lame year, in the months of Jugus, September, Office,

Newtonber 5723.

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The total fun of il. 1657 There died at Gessa in Mid-furmer week 1200, afterwards there died 1600 per diens; infomuch that in the begin ning of singul they burnt the dead Corps for of lands to bury them, which a of hands to bury them it will be decreated to five or fix per dies that died was about 70000.

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the Plague is reprefented to have been very terrible, by faying that there died so or 60 per diem, and that the whole City was in tears, that the Coffin-makers refused to make Coffine, that parents carried their children, and populous days the 16r8 nch at it was not mentioned how populous in place was, not for how many days the traities continued. I can make but little make of this Plague, by what is above rechildren their parents to the grave. But for

to: The general Observations arising from above mentioned particulars, are as 60F.

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loweth:

First, That Northern, as well as Southern ountries are infested with great Plagues; though in the Bouthern Countries step; are one welchent, and do both begin and end one finddenly.

from the year 1642 shi 21. Secondly

Plague was at Green, 1653 at Dantziel and Gamingsborg, 1654 at Capabages, 1655 at Leyden and Amferdam, and other Towns in the Netherlands, 1656 at Naples and Rame, 1657 at Genus, So as it well deferves enquiry, whether the Plague in all these places were a sickness of the same kind, and did successively erambulate the feveral Countries

mentioned, or whether it were a feveral di-feafe in each place.

22. Thirdly, that the Plague is longer in ri-fing to its heighth, than in decreasing to the fame pitch; and the proportion thereof, in inch carles where it hath most plainly appeared, is about three to two, for at Angerdon it was eighteen weeks riting, and twelve decreasing; d at Leyles fifteen upon the increase,

feveral times of great Mortality, the height was not a ways in the fame month; for 4000 1592 it was the fecond week in 4000ff, when there died 1550 of all diffastes; in the year 1603 the height was the fecond week of 500 trader, when there died 3129 of all diffastes; in 1625 the extremity was in the third week in 4000ff, when there died 3129 of all diffastes; in 1625 the extremity was in the third week in 4000ff, when there died 5205. there then dying 4005 of reck of Ottober,

the fo Lione incre apon

II difeafes.

intimate the confidering the prefinitionare the confidering the prefinitionare, which is from eight to thirteen, that must he Burials exceed 8400 per work, the Morality will not exceed that of 1625. Which God factors aver.

It may be further observed, that the time of the Plagues continuance at the height was of feveral durations, for Anno 1792 it continued from the first week in Jaly to the second of Spirinker, withous increasing or decreasing above 100 in 1600; whereas in 1603 in remained but three weeks at the state, decreasing above 100 in 1600; whereas in 1603 in remained but three weeks at the state, decreasing above 100 in 1600; whereas in 1603 in remained but three weeks at the state, decreasing above and decreasing as much the next week after the height, and decreasing as much the next week after the first weeks which after.

Concerning the diffeate of the Plague, the restrict number that died in twenty weeks; they have they are died in twenty weeks; they have they are they are not to receasinthe other years, foll was of long receasinthe other as hath been elle-where outed.

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The falk thing I shall observe is, that in all the soun great years of mortality above mentioned, do not find that any week the Plague increased to the double of the proceeding week spowe five times.

## dano 1631. Ann. 7 Careli 1.

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## of Burials, and in London.

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900	2391	3218	0	6758		1.6844
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## (1717) The Table of Burials, and Christmings in London.

den.	97 Pars-	Pari-	Pari-	Barried in all	Befides of the Plague	Chrift-
1652	3293	\$719	3546	12553	161	
1653	2527	4635	2919	10001		
1694	3323	6062	3845	13231	Š	
1655	2781	\$148	3439	11348	10	
9591	3327	6573	4015	13915	3	7050
1687	3014	\$646	3770	12430		6685
1658	3613	1692	4443	14979	5	6170
689	3431	6988	4301	14720		8690
	25288	47695	30278	103261	100	\$1502
0991	3098	\$644	2926	12668	15	6071
1991	3804	7309	\$532	16645	30	8844
1002	3123	6094	4423	13652	12	10010
603	3001	2095	4129	12732	60	10202
1664	3448	7166	4829	15448	90	1193

The Table following contains the Number of Buriels and Christenhies in the feven Parilles hereafter mentioned, from the year all the Burials being contained in the fixteenth Column: which Number being added to the riffer hereafter mentioned, from the year 1636 unto the year 1659 inclustive; all which time the Burials and Christenings were jointly mentioned: the five last years the Christenings the Total of Total in the precedent Table of Burials and Christenings, makes the Total of every yearly or general Bill. This Tab were omitted in the yearly Bills. confilts of feventeen Columns,

1636

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Anno Dom.

Note,

Note, where there follows a second Number under any year, it denotes those which died that year of the Plague.

Total in the	5	+163	9584	1959	1948	rys	2149	17	0.0	1730	1753	1.868	1 688		1305
7. Parishes	Bur	4056	2807	521 2997	17.	2459	2508	12.8	24.71	2,189	1284	2421	203	434	82
Redriff	B.C.	3006	74.51	74.98	81.52	53.77	69.64	63.76	42 67	70 82	50.7	4	4 4	+	7
Hackney	B. C.	1489	6870	9010	8453	76 54	82 73	186	. 5	5445	38 60	76 63	88 40	91	4 9
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The TABLE of Males, and for LONDON.

A P. S. S. S. S.	Chrittened Liles Fernales	18 4683	858 4457	22 4101	94 4590	58 4839	35   4820	8264 90	17   4605	708 37024	703 4487	359 4952		1518 5332	0664 56549	5470 5200	5460 4910	93	107 3997	9165 7401	768 3395	3796 3536	3363 3181
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1	An.Dom.	1629	1630	1631	1632	1633	1634	1635	1636	North call	1637	1638	1639	1640	Total	1641	1642	1643	1644	1645	1646	1647	1648

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Chillian.	Males	Females	Maes	Females
1649	\$454	\$112	3079	2746
1650	4548	4216	8	2722
1591	\$680	\$147	3231	2840
1653	6543	6026	3330	2908
1653	\$416	4671	3196	2950
1654	6972	6275	3441	0
1655	6027	5330	3655	
1656	7365	6556	3668	3382
10 kg	44005	41333	26380	24085
1687	6572	5856	3396	3289
1658	7936	1002	3157	
1659	7451		3209	2781
0991	2960	2158	3724	3247
1998	10448	9287	4748	4107
1991	8623	7931	\$216	4803
1662	8035	7321	5411	4881
1991	9369	8928	1409	1898
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The number of the Weddings, Christnings and Burials that were in the Town and Parish of Tiverton, from March 1560 to January 1664; as appeareth by the Registers.

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Weddings	1	8	Both	> 10	3	Forth
37	23	29	92	43	1.28	14
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ned F	45	44	39	30		46	57	402 1	L'ey o	6	67	4	24	4	69	. 68	70
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The number of the Weddings,
Christings and Burials that
were in the Parish of Cranbrooke, from March 26.
1560 to March 24. 1649;
(as appeared by the Register)
only in the years 1574 and
1575, the Christings are
wholly omitted, because the
Register is very imperfect for
the greater partrof those years.

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The Table of the Parish of Cranbrook.

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## Inblim, A Bill of Mortalit from the 76 of July to the 2d of August 1662.

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### OBSERVATIONS

OF

### Major John Graunt.

Hereas in the Month of December, in the Year 1672, there were Christen'd in the Reveral Parishes of the City and Suburbs of Paris 1366, and Weddings 68, and Buried 1153, yet of the Reformed Religion, in the laine space of Time and Place, there were Christen'd but 27, and Buried but 14. At a medium being compared to the grofs fum, the Protestants in Paris are but as

one to 65,

A further Observation may be made;
That whereas in the whole Year of 1672,
there were Buried 17584, and the Christrengs then were 18427, which difference

But in the same Year of 1672 in the City of London and Places adjacent, the Burials were 18230, and the Christenings but 12563. between Christening and Burials was very agreeable with the difference formerly in the City of London, before Phanaticifin and the Anabaptis were known in those Parts: By which it plainly appears that 3 of the Indo not conform to the Doctrine and Difcipline of the Church of England.

OMCSTE

tants, my Answer must be fram'd after this As concerning the common Question, manner, upon fome Observations made upon the numbers of Burials of each City.

the I find that in the City and Suburbs of Paby the Annual Bills of Mortality) was Buritotal number of the Burials was 56443, and in the Years aforefaid in the City of London, Suburbs, and Places adjacent ( as appears

Westminster, atthough put into the Bills of Mortality, they cannot properly be reckoned as parts of the City of London (Wellminfler being a diffinit City of it Yelf, and the others Lambeth, New-But fince that Hackney,

above named Country Villages) and there having been Buried in the Places laft named in the three Years aforefaid (as appears by the faid Annual Bills) recoo, which being deduded out of the number aforefaid, the remaining number is 44157, upon which I think the Comparison must be made.

By which it appears that Paris hath ex-Burials 12286, which number is between a fourthand a fifth of the faid number of \$6443, the number of Inhabitants; the City of Pawhich is the Proportion of the difference in rie having more than a fourth, and yet not a fifth more than the Ciry of London.

Carlotter.

Areasasta 3

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Christenings,

7 . 2

Christenings, Marriages, and Burials in the City of Pa-1670.

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	Total
144111686	1

Christenings,

Christenings, Marriages, and Burials in the City of Paris, 1671.

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ebrusry.	1656	489	1068
March.	1860	.95	1218
april.	1595	447	1950
Mey.	1478	324	1431
fung.	1331	334	1219
Fuly.	1424	337	1358
Augul.		324	1502
September.	1507	327	1897
October.	1587	321	1753
November	1560	437	2709
December.	1253	42	1743
Total	1	2086	1.7

Christenings,

# A Table shewing how many died weekly, as well of all Diseases, a of the Plague, in the Years 1592, 1603, 1625, 1630, 1636; and this present Year 1665.

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nothing Extraordinary, and so not confi-feers with the incapacity of a Sheet. L. 2 Memorandum, That the 10 years between 1636 and 1647 are omitted as containing

The 5 next Columns are the 8 years from 1629 to 1636 brought into 2 Quaternions, and the 12 of the 14 last years brought into three more; that Comparifon might be made three more; that Comparifon might be made between each 4. years taken sogether, as well as each fingle year apart.

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#### The Table of Burials and Chrift nings; confifting of 7 Columns.

T is to be noted, that in all the feveral Columns of the Burials those dying of the lagse are left out, being reckoned all roger in the fixth Column: whereas in the original Bills, the Plague and all other difeafer are reckoned together, with mention how many of the respective totals are of the Secondly, From the year 1642 forwards, the accompt of the Christians is not to be truthed, the negleds of the same beginning about that year? for in 1642 there are seedown 10370, and about the same number serial years before, after which time the said nings decreafed to between 3000 and

into Ottomaries, that Comparifon may be made of them as well as of fingle years. Thirdly, The feveral Numbers are caft

## The Table of Moles and Her makes contaming & Columns.

Firth. The Numbers are cast up for 12 years; victories, from 1629, when the difficient between Meles and Females field begin, until 1640 incluyer, when the exacting in that Account cealed.

Secondly, From 1640 to 1660 the Number of Meles are cast up into another total, which feems as good for comparing the Number of Meles with Females, then gled being in both Severalise, and proportionable.

The Tables concerning the Gossery-Parise, the former of Desait beginning at 1869, and continuing until 1658, and the later being for tingle years, being for the fame time, are to plant, that they require no further Explanation than the bare reading the Chapter relating them, Or.

Octobered, that Compatifor may

### FINIS

